

TURN
YOUR
SPARE
TIME
INTO
Cash

IDEAL AND PEERLESS

Lawnmower Sharpeners

THE FATE-ROOT-HEATH COMPANY ~ ~ PLYMOUTH, OHIO

P. H. ROOT

*The man who
designed the
IDEAL and
PEERLESS . . .
LAWNMOWER
SHARPENERS
SIMPLEX . . .
RECONDITIONER
and PLYMOUTH
KNIFE GRINDER*



P. H. ROOT has had thirty-three years of experience in designing and manufacturing lawnmower sharpeners. Since the first Ideal and Peerless Sharpeners were brought out he has added many improvements and refinements, but the basic principle of grinding the blades with a grinding wheel — the factory method — has never been changed.

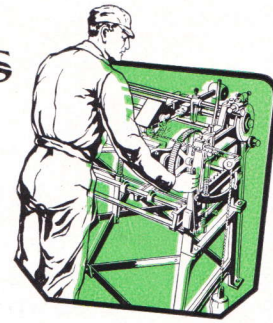
This year we offer you a still better line of Lawnmower Sharpeners. The Ideal grinds all makes of lawnmowers with blades up to and including 25 inches in width. The Peerless is now made in two sizes and grinds all makes of Power and Hand Mowers up to and including 36 and 42 inches in width.

The Ideal and Peerless Sharpeners, and Simplex Reconditioner represent the finest and most complete line of Mower Sharpening Machines on the market, and the Ideal Bench Grinder and Plymouth Knife Grinders provide an opportunity to add many additional dollars to your income.

IDEAL AND PEERLESS *Lawn Mower Sharpeners*

MANUFACTURED BY

THE FATE-ROOT-HEATH CO.



PLYMOUTH, OHIO, U.S.A.

Dear Friend:

So many owners of Ideal and Peerless Lawnmower Sharpeners have written to tell me how much they think of their Sharpener and to express their appreciation that I am not only profoundly grateful, but it has been a constant inspiration to try and make a still better Sharpener whenever that is possible.

I believe our Ideal and Peerless Sharpeners, as described in this catalog, are the finest lawnmower sharpeners ever built. I am proud of them and know you will be, too, if you order one.

These Sharpeners are models of simplicity. They grind the blades with surprising speed and accuracy and enable you to sharpen more mowers per hour. And they sharpen them the only way a dull mower should be sharpened--on a grinding wheel. My many years' experience in making Ideal and Peerless Lawnmower Sharpeners, and the experience of our thousands of customers who are using them, have proven that grinding is the correct principle for sharpening a lawnmower.

I wish I could have the pleasure of meeting you personally and in taking you through our plant. I would like to show you how well equipped we are to make this fine line of Sharpeners - the jigs, dies, and automatic machines - and the painstaking care we use to see that every part is exactly right. Then, I would take you through our foundry and other plants where we make Plymouth Locomotives, (Gasoline, Diesel, Gas-Electric and Oil-Electric) Silver King Tractors and Fate Brick and Tile Machinery. While you might not be particularly interested in these lines, they do have a big bearing on production costs, enabling us to sell a good product at a lower price than we could otherwise.

In this catalog we have tried to tell the complete story of our Sharpeners. If you are interested in earning money, either in your spare time or on a full time basis, please consider the possibilities an Ideal or Peerless holds for you. Of one thing I am sure - every Sharpener we manufacture will not only earn money for you but will give you years and years of the finest service you ever saw.

Sincerely yours,

P. H. Root
V. Pres. & Treas.

PHR:GE

**A LETTER
TO YOU
FROM
P. H. ROOT**

YOU CAN BUILD a PERMANENT SHARPENING

HERE'S HOW W. A. STANSELL DID IT

COPYRIGHT 1931, THE F. R. H. CO.

The following suggestions were written by Mr. W. A. Stansell, a good friend and customer, who has had a great deal of experience in sharpening mowers. It will be well worth your while to read his article.

IF YOU are at home on the farm, belt up the sharpener to any small motor, gas or electric. At your lane or entrance to the public highway, place a good signboard advertising your business, and run a small Ad in your local newspaper. It pays to advertise.

Grind evenings and rainy days. If you do good work, people for miles around will bring you their mowers year after year. You should get 50 to 200 mowers the first grass season. The number, of course, depends on the density of population, competition, the season, and most important of all, upon yourself and your method of doing business.

SMALL TOWNS UP TO 2000 POPULATION

SAME AS IN RURAL DISTRICTS. You can run your lawnmower sharpening business in conjunction with your present business or occupation. You have the advantage of both town and country trade. You can buy up all the old junked mowers your local junk man can gather in his territory. By overhauling, grinding and repainting them, marking them with the selling price and placing them in front of your place of business daily, you will soon be doing a good business. There is a demand for good second hand mowers. The NET profits are enormous—from 200 to 300 percent. Not more than one cent per pound should be paid for junked mowers and you will find that many mowers are thrown away before there is anything seriously wrong with them.

If you are a hustler and do good conscientious work and are honest with your customers, there is no reason for your not earning \$200.00 a season extra and above the income from your present employment or business. And, the lawnmower sharpening business in a small town can be boosted much higher by advertising and reaching out

into a large surrounding territory. Your overhead expenses in a small town should be very small.

The writer of these notes has drawn trade out of a large city over 15 miles away, and you can do the same. Owing to the higher cost of living in the large city, a customer is charged far more for services rendered by the lawnmower man, and for that reason, a lawnmower man in a small town can pull the business his way by good advertising and work.



W. A. STANSELL

large cities can be any amount you care to make it, but here is where good, sound business management enters the field in a large way. Your success will largely depend upon your own business ability. You should earn from \$200.00 to \$500.00 per month. Others have done it, and there is no reason why you, if you have the ability, should not do as well or better. Your field is unlimited and not overdone in grinding or in rebuilding and selling good used mowers.

HOUSE TO HOUSE GRINDING

IF YOU WISH to travel and make money at the same time, rig up an old auto by placing your grinder, power plant and tools in it, and the world before you is your field. You should earn from \$5.00 to as high as \$20.00 per day in the busy season. Your cost of living and expenses will be high, and should be taken into consideration. This plan will do very well for the transient lawn-

CITIES UP TO 12,000 POPULATION

SAME AS ABOVE, or, as explained later on, by dividing the city into zones. In either way of getting the business you should earn at least \$150.00 and up per month during the grass season and winter combined—grinding in summer and rebuilding mowers and grinding in winter for spring delivery. In a city of 12,000 one man would likely be swamped with grinding during the rush season.

CITIES WITH POPULATION ABOVE 12,000

SAME WAY of getting the business as suggested in the foregoing. Owing to the higher cost of living and the hiring of help, you would have slightly higher overhead expenses. You should, therefore, raise your price of sharpening mowers 25c to 50c above the price of sharpening in small towns.

If you wish to be successful in this, as well as all other business, keep down expenses. Your earnings in

ENT PROFITABLE BUSINESS LAWNMOWERS

mower man who wishes to travel and see the world, but for the real money maker the plan which follows later on is the one to adopt.

One of the difficulties met in House to House grinding is first, many housewives are afraid to answer the house bell because of so many burglaries and hold-ups. Second, when they do, many do not know the condition of their mowers, or, if they do, have no money — the husband is away at work with the family purse in his pocket. Third, so many people are not at home when you call. Fourth, do not grind mowers for anyone with whom you have to open an account. Usually the time lost in trying to collect your pay will be worth more to you than your earnings.

STATION TO STATION OR ZONE TO ZONE GRINDING

THIS PLAN is absolutely reliable and very successful in every way. NO LOSS OF TIME OR MONEY.

If you live in a city, divide it into six (6) divisions or zones of 2000 to 4000 population each. If in a smaller town area, pick six towns of 1000 to 3000 inhabitants in a radius about your home up to fifteen or twenty miles away. In either plan, after you have zoned the territory, or picked your towns, canvass each zone or town for a reliable business man who is widely known for his honesty and integrity. Engage him to receive your customers' mowers which must be marked with the owner's name. You probably can get him to do this for about 10c per mower, including the electricity you pull from his power or lighting system should you use an electric motor, which is advisable and highly recommended. He would also collect from your customers as they call for their mowers.

You will at once build up a nice business upon the prestige of this business man, and it draws business to his line, also. Hundreds of people will call at his place of business for their mowers. He also gets free advertising through the mention of his place of business in your advertising as your grinding station one day each week during the season.

Your prospective patrons may not know you, but they do know the man you have selected to handle your business for you during your absence. Get this fine point in business firmly fixed in your mind. It's a winner.

Have a few hundred colored cards about 8 x 10 nicely printed with your ad with a blank space for your grinding day each week, and for the business place, to be written in by you. Place these in windows of business houses and public places where they can be read. Run an ad in the local newspapers informing the people of your business for each respective zone or small town — one day each week at each zone station in the large city, or one day each week at each station in each of the six small towns which, in either case, will give you a weekly circuit of SIX BUSY DAYS and ALL YOU CAN DO.

Should you adopt the circuit of six small towns, remember you will draw a large country trade from among the farming community. That is why towns of from 1000 to 3000 population are specified. You may get more mowers than you can possibly handle. One of our purchasers in adopting this method has been swamped with mowers many times, and the towns in which mowers were ground were under 2000 inhabitants, and a few only 500 or 600. Always try to have several good second hand mowers on your car to sell, for you will have many calls for them.

BUSINESS THE YEAR THROUGH

IF YOU LIVE in a large city and have a place for a shop, and room for storage and an auto truck and some help of your own, you can build up a fine business if you have business ability in you. The main thing to watch for in this plan are the "LEAKS IN THE BUSINESS." Strive ALWAYS to keep down expenses. You would, of course, be obliged to advertise extensively. The majority of business calls would be accepted over the telephone — calls to come and get the mowers at the residences, etc., and to deliver them to the owner after sharpening. This of course, would be charged to the patrons. The truck driver's business would be to classify the zones, collect mowers one way and deliver the other — a load each way by classified zones to keep down expenses.

As the season draws near its close you should get the majority of your patrons to allow you to collect their mowers and store in your place of business for winter grinding and spring delivery when needed. You would thus hold your old customers and they would be out of your way in the rush season — the months of April, May, June and July, and leave these busy months for NEW BUSINESS. In this way you should eventually do an enormous business.

You should have a standing contract to take all the discarded mowers the junk dealers collect during the summer. The overhauling, grinding and painting of these along with your winter grinding of your patrons' mowers should give steady work and business all the year. If you live where there is skating in winter you should add skate grinding.

In conclusion, I have often been asked by people who stand by watching me grind, "What is the capacity of earning power of the Ideal Sharpener—" I have since learned that there are people who are skeptical and doubt the earning power of the Ideal and Peerless Sharpeners. To all these I can say I do not know what the earning power is.

On Friday, May 25, at George Oswalt & Son's blacksmith shop, Eldorado, Ohio, a little town of only 500 to 600 inhabitants, I ground, adjusted, oiled and repaired exactly 20 mowers from 12:00 noon until a little before sundown. The day before I made over \$20.00 grinding mowers working less than a day and such wages are NOT UNUSUAL to the man who takes lawnmower sharpening seriously.

**Hundreds of Men Have Made Good Money
Sharpening Lawnmowers - So Can You.**

HANDSOME P for EVERY HOU

Hundreds of Ideal owners are

Average 35 to 50 Lawnmowers per Day

Hollywood, California
Gentlemen:— You may be interested in knowing we are running an average of 35 to 50 sharpening jobs per day, all of which are done on the Ideal Sharpener, in fact we have probably the largest Lawnmower Sales and Service business in the west. Our sales of Lawn Mowers alone running around 750 per Annum, and our Lawn Seed and Tool business is in the same proportion.

Hollywood Lawnmower Shop

“Makes Old Discarded Mowers Cut Like New”

Annapolis Royal, N.S., Canada
Gentlemen:—I am a gardner and not a machinist. After a little practice on an old lawnmower which everybody thought was no good I was surprised to find that the old mower which had been discarded is now doing as good work as a new machine. I do not give much time to sharpening but have already sharpened 75 mowers. The Ideal is a wonderful machine and does all you say for it.

Henry Fox

500 Lawnmowers -- Not One “Come Back”

East Lynn, Ill.

Dear Sirs:—I am dropping you a line to let you know that my Ideal Grinder I got last Spring is O.K. I ground over 500 mowers and didn't have one come back. In fact, every job sold another. In one town I ground 68 mowers and didn't solicit one job — each one brought more and more.

C. E. Palmer

“Ideal Gives a Factory Job”

Holtsopple, Pa.

Dear Sirs:—There certainly is business for the man who goes after it. On my “IDEAL” I have sharpened from April 1st to May 25, 300 lawnmowers. You can absolutely give your customer a factory job on the “Ideal.” Something that cannot be done with emery dust or the lapping method.

Harley Blough

“Ideal Displaces Old Emery-Dust Method”

Dolton, Ill.

Gentlemen:—My Ideal Sharpener is doing splendid work. It replaced one of another make which I used for five years and which did not do very good work. After using the Ideal I would never go back to the old emery-dust method.

Harold T. Quinn

The Only Way to Sharpen a Mower

Troy, Ohio

Gentlemen:— The Ideal Sharpener which I bought of you is sure a fine machine to sharpen lawnmowers on. I use it part time with my watch and clock repair business and find it a good side line. From the first of April until the middle of May I sharpened 140 mowers which is very good. Would advise anyone to buy an Ideal as it is a real grinder and the only way to sharpen a mower.

Glenn R. Knick

Charges \$1.50 Up per Mower

Baltimore, Md.

Dear Sirs:— Since I bought my “Ideal” Sharpener I have been doing fine. Just now I have more lawnmowers on hand than I can get out as promised.

Last summer I started in June and set my prices at \$1.50 up. I do not call or deliver mowers and I have more than enough to keep me going. Why? There's a reason. I strip mowers and give them a coal oil bath. This makes them work very easy along with the good grinding that they get as only an Ideal can give them.

I looked around a good bit for a lawnmower grinder before I bought my Ideal. I only have to sharpen one mower in some sections and in a few days I have several mowers from the same section.

Franklin L. Fisher

Why don't you, too, order an Ideal Sharpener and begin earning up to \$1.50 for every mower you sharpen?

Every Customer Was Pleased

Pittsburgh, Pa.

Gentlemen:— It is with great pleasure that I write to tell you that I am very much pleased with the Ideal Lawnmower Sharpener I got last summer. Every customer was pleased with my work, and I expect to do much better this season.

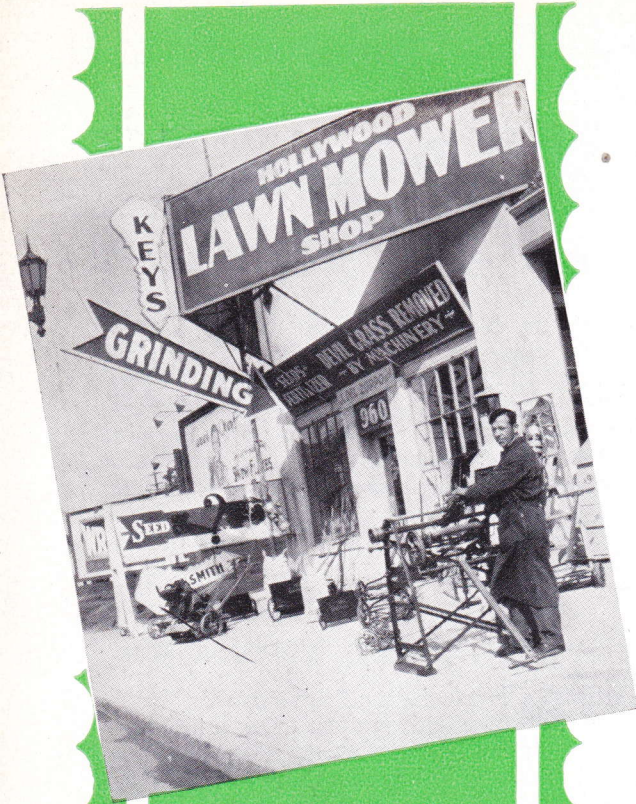
Sam Kirschner

Satisfied it is the Best Grinder Made

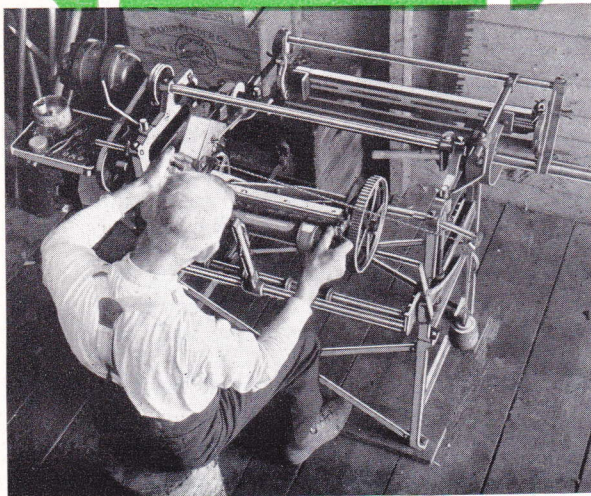
Springfield Gardens, N.Y.

Gentlemen:— My Ideal Sharpener is working fine. It could not be any better. It is a pleasure to operate and I am well satisfied that it is the best grinder made. I have sharpened forty mowers within two weeks and all well satisfied customers.

Frank B. Anderson



Hollywood Lawnmower Shop
Hollywood, Cal.



Henry Fox, Annapolis Royal, N.S.



Harold T. Quinn
Dolton, Ill.

PROFITS R YOU SPEND

making money in their spare time

Phone Calls Within a Radius of 30 Miles

Milford, Conn.

Dear Sirs:—Two or three years ago I bought an Ideal Lawnmower Sharpener and believe me it has been a life saver to me. I have been out of work for over two years, that is as a machinist, but used to sharpen mowers in my spare time. But now I do nothing else but sharpen mowers and they are all satisfied with my work. I have phone calls within a radius of thirty miles.

T. E. Walters

Old Dilapidated Mowers Put in Good Condition

Cuyahoga Falls, Ohio

Gentlemen:—I received my Ideal Lawnmower Sharpener in perfect condition. It sure is a wonder. Everything was O.K. Some of the mowers I grind are old dilapidated, antique, worn-out mowers that simply will not cut, but your grinder and I put them in good condition. It sure does wonderful work and is so simple to operate.

Although I have only had my Ideal Sharpener two months it has been a life saver to me and my family. The mowers I sharpen stay sharpened. I guarantee all mowers that I sharpen on the Ideal Grinder to cut cigarette paper with all blades or no pay. So far each job has been perfect. I am building through satisfaction a wonderful future business. I have the promise of at least 100 mowers to sharpen. I also have the City and Cemetery mowers, about 18 of them, to sharpen.

J. W. Bures

*Little drops of water, little beams of sun,
make the grass grow taller and bringeth in
the mon, IF YOU OWN AN IDEAL
LAWNMOWER SHARPENER.*

Paid for Sharpener in First Month

Fond du lac, Wis.

Gentlemen:—I am very well satisfied with my Ideal Lawnmower Sharpener and the work it does. Received my machine the 27th of April and during May sharpened over 200 mowers in the face of competition. I received not less than \$1.00 apiece for all of them so I more than paid for my machine in one month. I expect to do still a bigger business next year as I will get all I had this year and a good many more from recommendations of my old customers.

H. Greenlaw.

Everyone Brags About My Work

Wilmington, Del.

Gentlemen:—I started on my own lawnmower first and made a good job on it. Then I got some of the neighbors and made a better job on them so have been doing better and better work. I also guarantee all my work. I know it is done right. And every one else is pleased with my work and brag about it. And they speak to others of my good work.

A. Ceresini

325 Mowers at \$1.00 Each

Binghamton, N.Y.

Dear Sirs:—I have sharpened 325 mowers on the Ideal, besides my factory work. I took a leave-of-absence from the factory three weeks in July. The only way I advertised was handing out your circulars and a sign on the porch. My average charge was \$1.00 per mower. I also bought several second hand mowers, fixed them up and sold them as fast as I could get them ready.

Rob't. C. Smith

"First Ideal Used 22 Years"

Ephrata, Pa.

Gentlemen:—I now have my second Ideal Lawnmower Sharpener. The first one I used for twenty-two years and it is not worn out yet, but I wanted one of the latest improved models and I am well pleased with it.

I sharpen between four and five hundred mowers every year with my other work — Blacksmithing and Horse Shoeing.

Wilson M. Shirk

Mowers Cut Better— Stay Sharp Longer

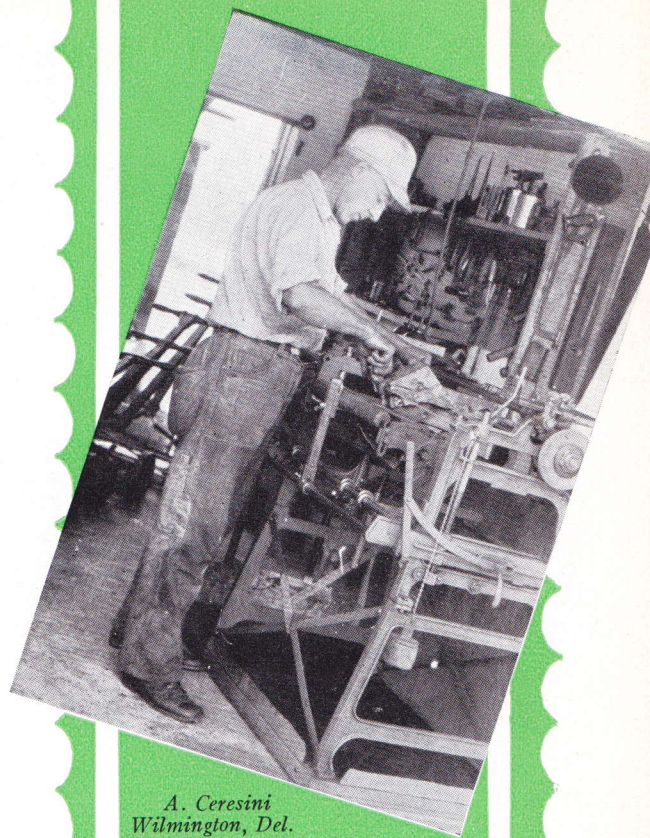
Gray Park, Fostoria, Ohio

Gentlemen:—I have had a season's use of the Ideal Lawnmower Sharpener at our Golf Course, and it has given us excellent satisfaction.

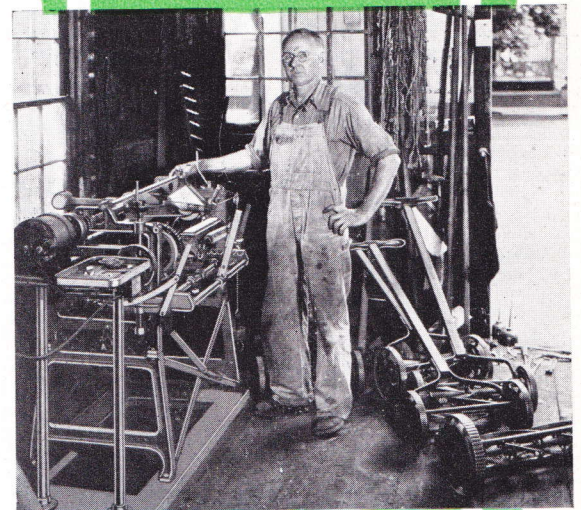
In addition to sharpening our Golf Course lawnmowers, we have found it profitable to sharpen mowers for the public. Our green's keeper does this on rainy days and early in the mornings when on account of the dew, it is too wet to work on the course. This helps very materially in keeping our expense down.

We find that lawnmowers sharpened with your machine not only make them cut better, but they do not have to be sharpened as often as when done in any other manner.

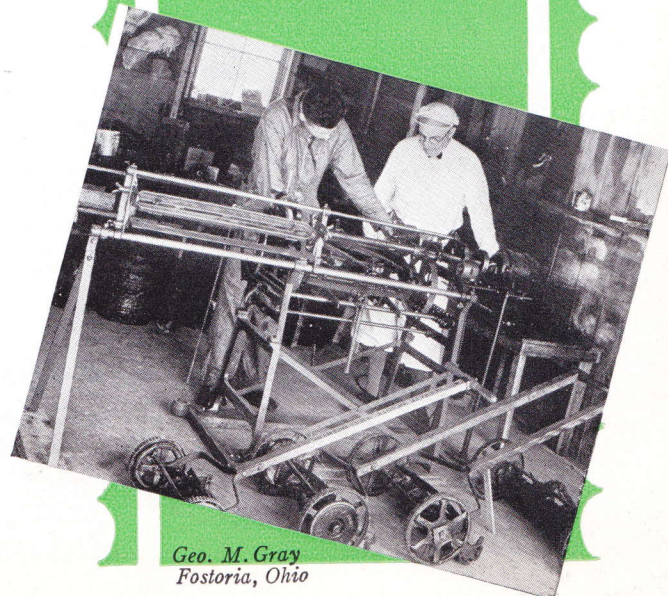
Geo. M. Gray



A. Ceresini
Wilmington, Del.



Wilson M. Shirk, Ephrata, Pa.



Geo. M. Gray
Fostoria, Ohio

MANY ADVERTISING HELPS

Don't PULL YOUR GRASS OUT BY THE ROOTS?

OUCH!

OUCH!

OUCH!

DULL lawnmowers are like dull razors, both pull things out by the roots. But there's no reason just because your lawn suffer is DULL. Let us sharpen it for you on the new "Ideal" Lawnmower Sharpener at a very small cost. Then both yourself and your lawn will feel better and look better!

YOUR NAME AND ADDRESS TO GO IN THIS SPACE

CARD "A"


Let Us SHARPEN YOUR LAWNMOWER!

WE have a special Lawnmower Sharpening Machine that puts the keenest cutting edge on your lawnmower you ever saw. When we sharpen your lawnmower it stays sharp for a longer period of time and our price is very reasonable. Why use your present dull lawnmower when it can be made sharper than a new one at a fraction of the cost?

YOUR NAME AND ADDRESS TO GO IN THIS SPACE

CARD "C"


Actual Cards are Full Post Card Size



MAKE MOWING YOUR LAWN A PLEASURE

MOWING your lawn with a sharp lawnmower is a pleasure instead of a task. Our business is making dull lawnmowers sharp at a remarkably low cost. You'll be happy with the transformation we can make in your present DULL lawnmower.

YOUR NAME AND ADDRESS TO GO IN THIS SPACE



Lawnmowers SHARPENED on the IDEAL SHARPENER

THIS machine automatically grinds the blades of your mower to just the proper bevel, thus assuring a perfect cutting job. Your mower will run like new and stay sharp longer than when sharpened by any other method. Give us a trial.

(Your Name Here)

Ideal Advertising Card "D"
500, \$3.00; 1000, \$4.25
Price of cut of Sharpener only \$1.00

**PROMPT SERVICE
WORK FULLY GUARANTEED**

IDEAL POST CARDS

All prices quoted include imprinting your name and address, postage paid in the U.S.A.

The three business getting cards, A, B, and C, shown above, are full postcard size $3\frac{1}{4} \times 5\frac{1}{2}$ and are printed in two colors — green and black. Prices — 250 of any one card, \$2.95; 500 of any one card \$3.95; 1000 of any one card \$5.95.

Card "D" is also full postcard size, printed in one color (green) only. Prices — 500, \$3.00; 1000, \$4.25.

IDEAL MOVIE SLIDES

Beautify Your Lawn

BY HAVING YOUR MOWERS GROUND on the

IDEAL LAWNMOWER SHARPENER

Makes 'Em Cut Better Than When New



Your Name and Address Here

The Movie Slide shown above, but in three colors, with your name and address, will be sent postpaid upon receipt of fifty cents.

IDEAL DOOR KNOB HANGERS


Actual size of card, 9 x 4 inches. Have a boy hang one of these on the door knob of each of your prospects and it will bring you results. It can not blow away and is sure to be seen.

Prices, printed with your name and address — 250, \$2.50; 500, \$3.50; 1000, \$5.25, postpaid in U.S.A.

When considering the purchase of an Ideal Lawnmower Sharpener you will be interested, of course, in the various ways in which you can secure lawnmower sharpening business. On these pages, therefore, we outline some of the plans hundreds of Ideal owners have used and are now using with great success. The post cards, movie slides, door knob hangers, circulars and electrotypes may be obtained, at cost, when you purchase your Sharpener.

They will be sent promptly, by mail, postpaid, so that they will reach you by the time you receive the Sharpener, if not before.

LET US SHARPEN Your Lawnmower on the IDEAL Lawnmower Sharpener



THIS machine automatically grinds the blades of your mower to just the proper bevel, thus assuring a perfect cutting job. Your mower will run like new and stay sharp longer than when sharpened by any other method. Give us a trial.

PROMPT SERVICE — WORK FULLY GUARANTEED

(Your Name and Address Here)

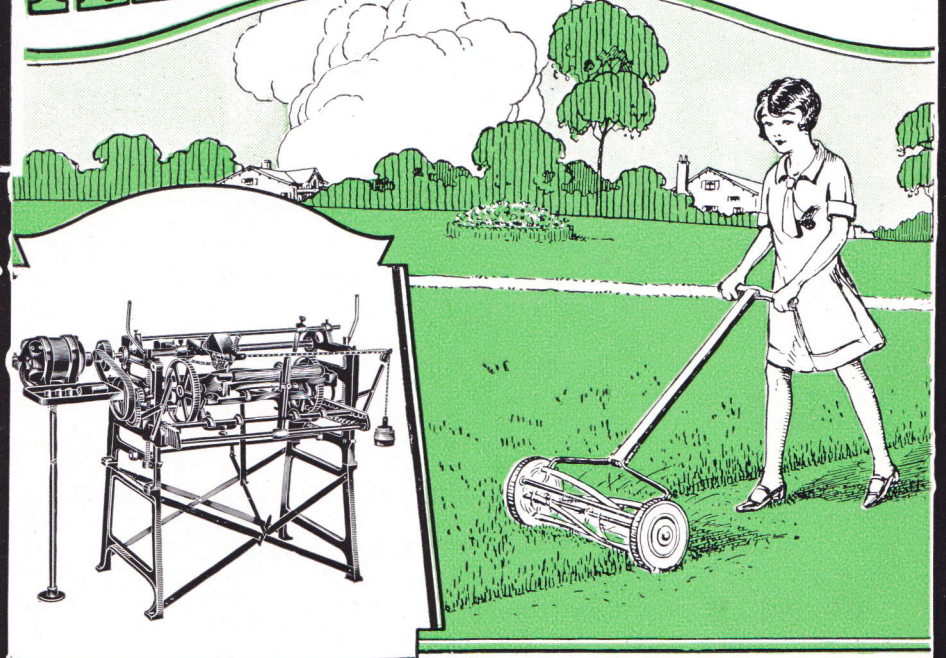
OFFERED TO YOU AT COST

THESE ADVERTISING HELPS WILL BUILD UP YOUR LAWNMOWER SHARPENER BUSINESS IN A HURRY!

Below are listed the SIX most productive ways of securing immediate lawnmower sharpening business —

- 1** You can distribute or mail the four cards, as shown on opposite page, to a list of prospects in your vicinity. For most effective results, each prospect should receive all four cards at weekly intervals. Or, if you wish to reach a greater number of prospects, one card to each prospect also brings good results.
- 2** Another very effective way to get lawnmowers to sharpen is to have one or two boys distribute, from house to house, the single page circulars entitled "Make Mowing a Pleasure" as shown on this page, or the Ideal Door Knob Hanger shown on opposite page.
- 3** Classified Ads in your local paper, provided you live in a small city or town, are very productive. A classified ad run three times a week in the spring months of the year will bring you about all of the business you can take care of.
- 4** A small display advertisement run weekly in your local newspaper will do much to get you established in business. Such an advertisement should be headed "LAWN MOWER SHARPENING" and should show a cut of the sharpener.
- 5** Movie Slides also offer a profitable means of getting people acquainted with your business. See cut on previous page.
- 6** School boys are good business getters. Select two or three bright boys, who will acquaint the people in your neighborhood with your work. Give them some of your cards or circulars to pass out as they go from house to house. For every lawnmower they bring you, pay them 25c. Hundreds of lawnmowers are thus secured at very little cost to you.

MAKE MOWING A PLEASURE



*Keep your mower really sharp and easy running by having
it sharpened by machinery—the Ideal Way.*

A sharp mower is easy to push. Cutting grass with it is a pleasure instead of a drudgery. More than that, a really sharp mower shears the grass, clipping it off smoothly and evenly so that your lawn will always show a surface of unbroken velvety green.

Nothing damages and ruins a lawn so quickly as a dull mower. Not only does it leave your lawn ragged in appearance but it literally tears the grass out by the roots, doing damage that will take an entire season to repair.

We sharpen your mower on the Ideal Lawnmower Sharpener. This is a scientific machine designed especially for sharpening lawnmowers. It holds the blades of the mower in position so that each blade is sharpened evenly to a razor-like edge and with just the right clearance to obtain the cleanest cut with the least wear—something that cannot be done with a file or emery dust.

*The Ideal Way makes your mower cut better, run easier and last longer.
When your mower needs sharpening, give us a call.*

Your Name and
Address Here

CIRCULARS and ELECTROTYPES

The circular "Make Mowing a Pleasure" is printed in two colors, green and black. Price, with your name and address, \$5.25 per 1000 postpaid; without your name and address, 50c per 100 postpaid. Price of electrotypes of Ideal Sharpener only, as shown above, 90c postpaid.

The IDEAL Lawnmower Sharpener

**Sharpens by Grinding on a Grinding Wheel—
Mowers Run Easier—Stay Sharp Longer**

THE IDEAL Lawnmower Sharpener grinds and sharpens all makes of Hand Lawnmowers with blades up to and including 25 inches in width without dismantling the mower.

It grinds with a grinding wheel because that is the only way you can grind a bevel or clearance behind the cutting edge when the blades become worn down and thick. Grinding a bevel or clearance reduces the surface or metal that comes in contact with the straight blade or bed knife. This makes an easy-running mower — grass is *sheared* off — not pulled out by the roots. It also lengthens the life of the mower — a fact your customers will appreciate.

Our thirty-three years' experience in making the Ideal Lawnmower Sharpener, and the experience of our many thousands of customers who are using them, have proven that the "Ideal" way is the correct principle for sharpening a lawnmower.

When a lawnmower is new, that is, when it first comes from the factory, the edges of the reel knives are thin. When such a mower becomes slightly dull it may be sharpened or reconditioned with emery paste.

But after a lawnmower has been sharpened with emery paste several times the clearance behind the cutting edge is reduced, which makes more surface in contact with the straight blade than there was before. After the cutting edges become slightly dull, the mower has to be adjusted very close, so that it *tears* the grass instead of shearing it, causing the mower to run harder than ever; and the more it is sharpened by emery paste the worse it becomes, until soon there is no clearance at all.

The Ideal Principle of Grinding is the Correct Method

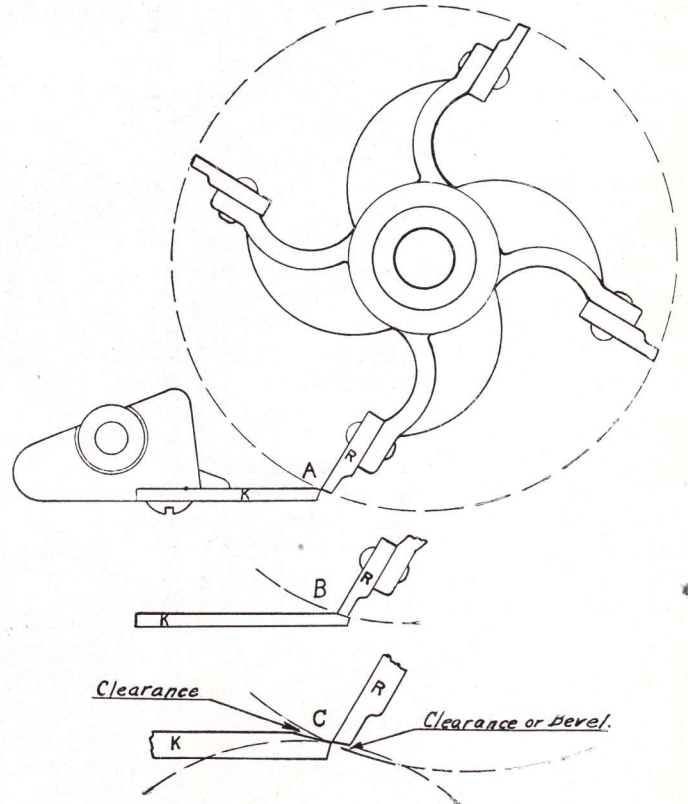
When a lawnmower becomes very dull, that is, when the blades become too thick, there is only one way to sharpen it and that is to *grind* it on a *grinding wheel*.

All new lawnmowers are first ground at the factory when they are made. Lapping in a mower with emery paste is the finishing process only. It does not and can not take the place of *grinding*.

Common sense will tell you that when the same mower becomes dull and the blades thick and uneven it must first be *ground* to restore the proper bevel or clearance and make all the blades absolutely even.

The Ideal Sharpener does such a perfect job of grinding that it will cut newspaper with a clean cut at every point of the straight blade on each reel knife.

Why a Dull, Thick-Bladed Mower Must Be Ground on a Grinding Wheel



"A" shows the cutting edge of a NEW lawnmower as it comes from the factory, the reel knife "R" being ground on a grinding wheel while revolving on centers in lathe and "lapped in" with base knife (straight blade) "K". It runs easily because there is only one point of contact.

"B" shows the same edge after considerable wear or after attempting to sharpen with emery paste or grinding compound, causing wide contact and no clearance, making the mower run hard, as it pinches off the grass instead of shearing it.

"C" shows base knife and reel knives when ground on the Ideal Lawnmower Sharpener with necessary clearance or bevel, making an easy-running and perfect-cutting mower.

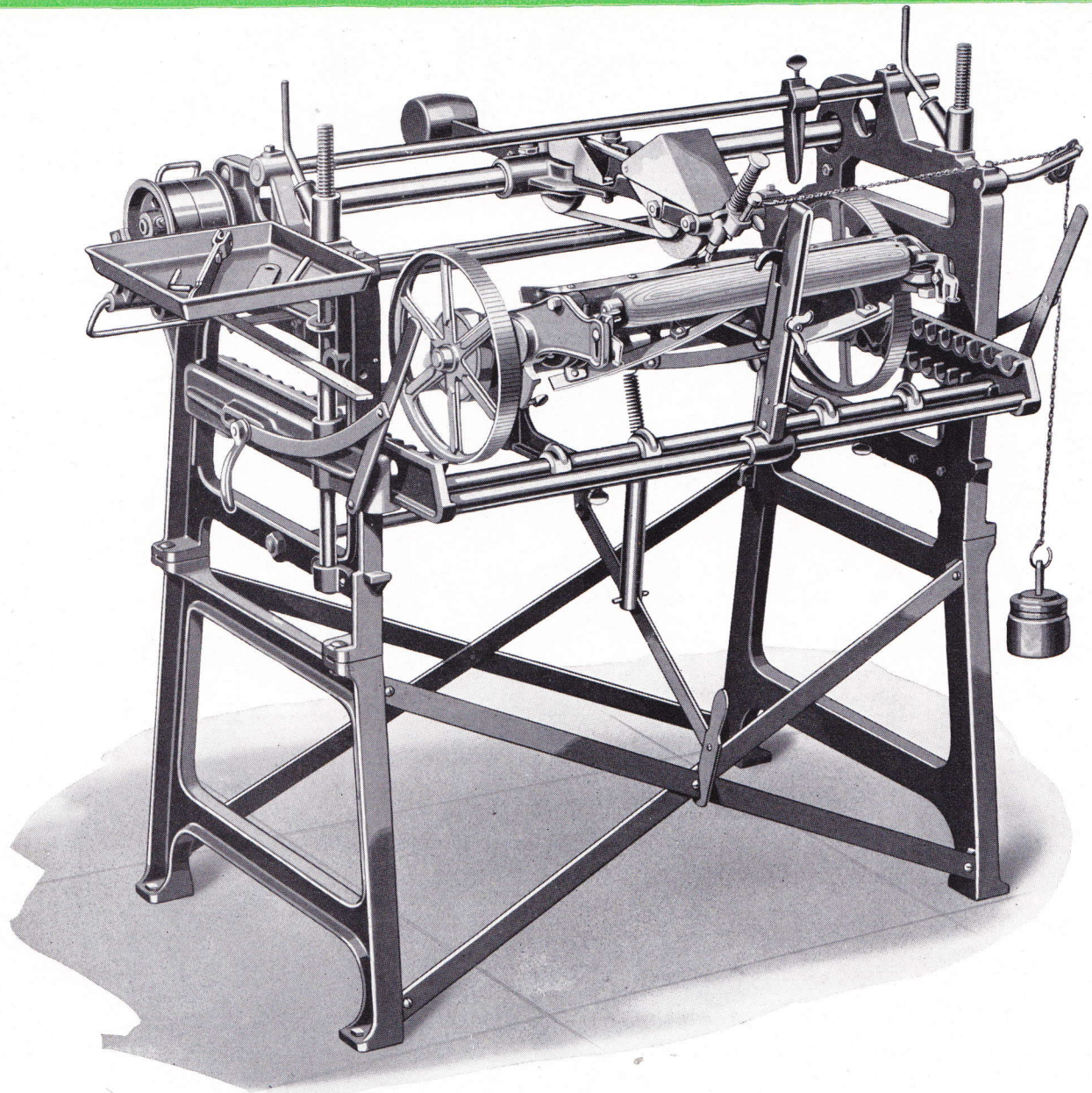
Ideal Reconditioner

After a lawnmower has been ground — in other words, after the reel knives have been beveled or thinned on the grinding wheel — then, when the mower becomes dull, it can be reconditioned several times with emery paste or grinding compound or until the reel knives become too thick at the cutting edge, when it must be reground.

The new Ideal Lawnmower Sharpener, with Ideal Reconditioner, is the *only* machine that *grinds* and puts a perfect bevel and cutting edge on the old, dull, thick-bladed, hard-running mowers and also sharpens or reconditions the new, slightly dull, easy-running kind.

The IDEAL Lawnmower Sharpener

WITH TIGHT AND LOOSE PULLEYS



PRICE \$59.⁵⁰ F.O.B. PLYMOUTH, OHIO

The No. 100 Ideal Lawnmower Sharpener, equipped with tight and loose pulleys and combined belt shifter and brake, will begin earning money for you the minute you attach it to your line shaft, gas engine or motor.

It sharpens all makes of lawnmowers with blades up to and including 25 inches in width without removing mower wheels, ratchets or reel knives. It sharpens them the only way a dull mower can be perfectly sharpened — on a grinding wheel.

For those who do not have their own power, the $\frac{1}{8}$ H.P. Electric Motor, shown on next page, makes a very reliable and convenient source of power.

At a small additional price we can furnish the Ideal Reconditioner Attachment, Straight Blade Grinding Attachment and other money-

making accessories as shown on pages 13 and 14. These attachments and accessories can be easily added to your Ideal Sharpener at any time.

The main thing is to get your Ideal Sharpener EARLY and be ready for the first mower.

Dimensions, Etc. — Pulleys, 4 inches in diameter for $1\frac{1}{4}$ inch belt; speed of pulleys, 1725 R.P.M. Height from floor to center of main shaft, 36 inches. Height overall, 43 inches. Length overall, 43 inches. Width overall, 34 inches. Shipping weight, 235 lbs.

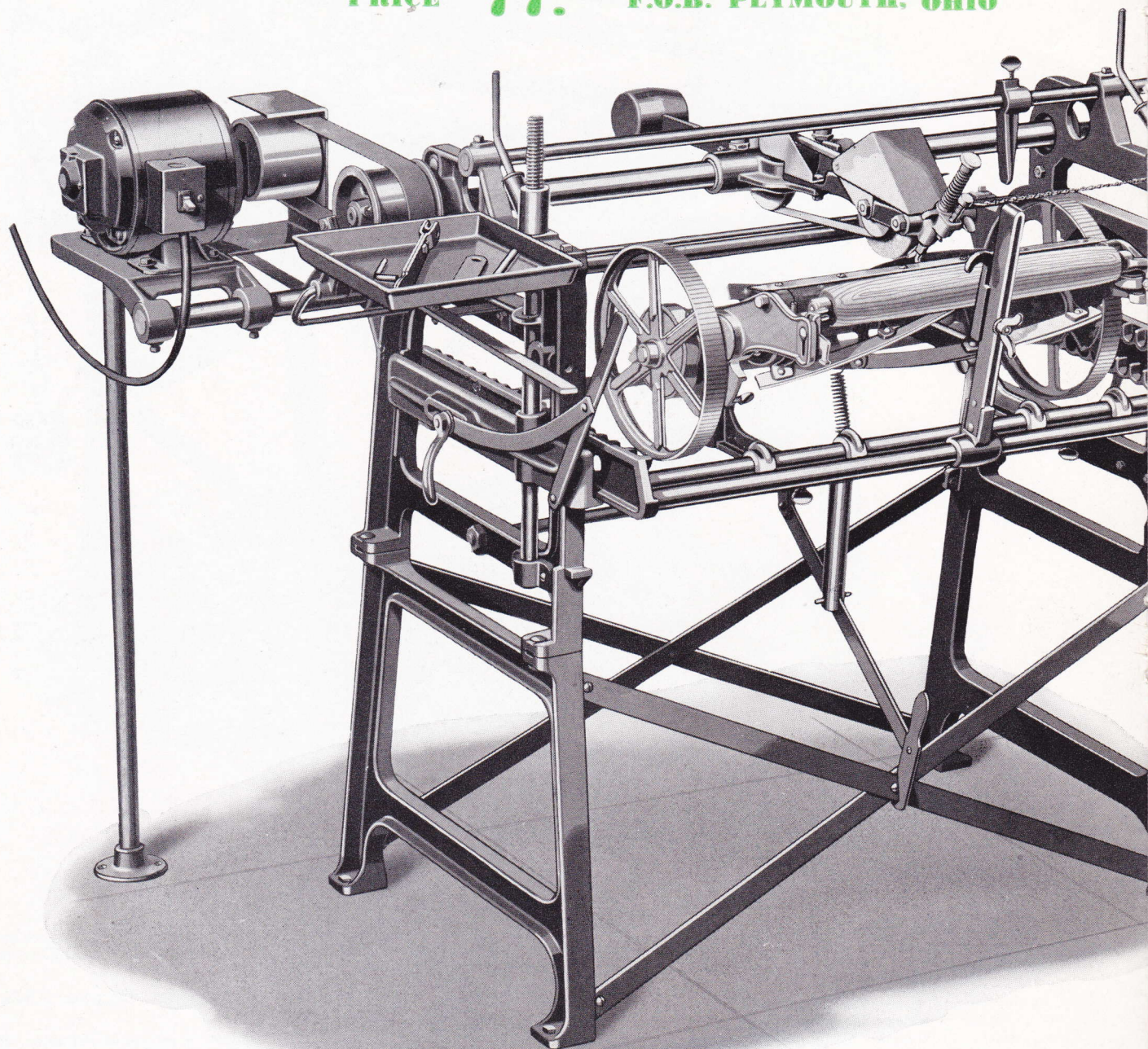
No. 100 — Price, complete with Tight and Loose Pulleys and Combined Belt Shifter and Brake, as shown above, ready to attach to line shaft, gasoline engine or motor ... **\$59.50**

The **IDEAL** *Lawnmower Shaver*

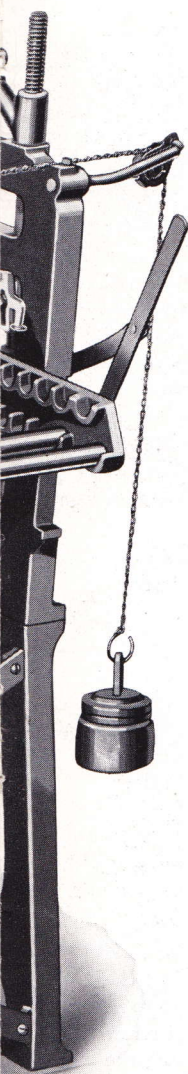
WITH WESTINGHOUSE OR G. E. MOTOR

READY TO ATTACH TO YOUR LIGHT

PRICE **\$77.⁵⁰** F.O.B. PLYMOUTH, OHIO



Sharpener R DRIVE SOCKET



The Greatest Lawn Mower Sharpener of All Times

The No. 125 Ideal Lawnmower Sharpener, equipped with Westinghouse or General Electric $\frac{1}{8}$ H. P. Motor ready to attach to your light socket, is the greatest lawnmower sharpener of all times. It grinds all makes of lawnmowers with blades up to and including 25 inches in width without removing mower wheels, ratchets or reel knives. It sharpens them the only way a dull mower can be perfectly sharpened — on a grinding wheel.

The Motor and special pulley are mounted on a heavy, cast iron bracket, attached to a $1\frac{1}{8}$ inch extended steel shaft, and supported by a steel pipe and adjustable floor flange.

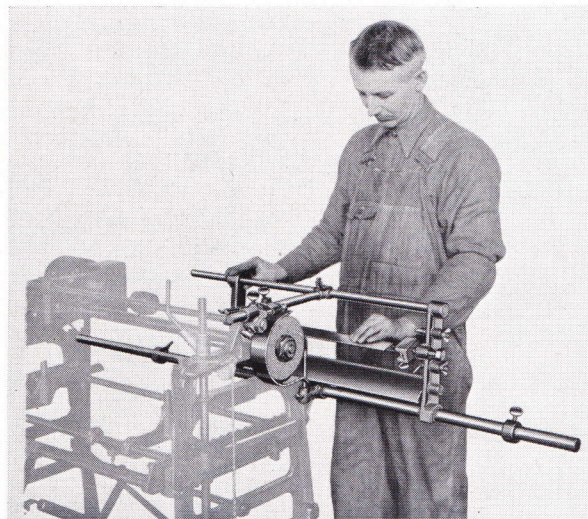
Dimensions, Etc. — Length over all, 52 inches, Width, over all, 38 inches. Height, overall, 43 inches. Shipping Weight, 310 lbs.

No. 125 — Price, complete as shown, with $\frac{1}{8}$ H.P. Westinghouse or General Electric Motor, A.C., 60 cycle, 110-120 volt, switch, 10-foot cord and plug..... **\$77.50**

Note— We reserve the right to furnish either General Electric or Westinghouse motor.

Ideal Straight Blade Grinding Attachment

On most lawnmowers it is necessary to grind both the face and the edge of the straight blade when it becomes too badly worn, or "wavy."



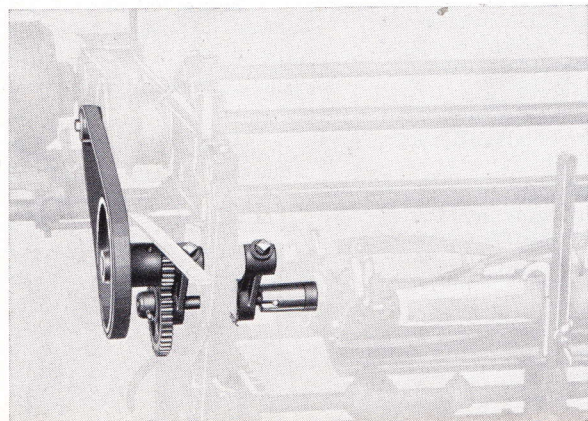
The Ideal Straight Blade Grinding Attachment consists of a 6-inch grinding wheel, an extended shaft and a sliding frame in which the straight blade is mounted. The upper rod of the frame slides in a shoe, and as the straight blade slides parallel with it the straight blade is ground perfectly straight. It takes only about 5 minutes to grind both faces of the straight blade and as you always charge an extra price for this work this attachment will pay for itself many times over every year.

The grinding wheel will also be found very useful and profitable for grinding grass shears, sickles, hedge shears, scythes, axes, etc.

No. 150 — Ideal Straight Blade Grinding Attachment, ready to attach to the Ideal Lawnmower Sharpener. (Shipping weight 60 lbs.) price complete..... **\$12.00**

NOTE — When ordered alone, add \$1.50 to above price to cover cost of long shaft and for packing separately. (Shipping weight, 80 lbs.)

Ideal Reconditioner Attachment



The Ideal Reconditioner Attachment is intended for "lapping in", with grinding compound, lawnmowers that have first been ground on the Ideal Lawnmower Sharpener and which later become slightly dull.

The Attachment can be quickly and easily attached to any Ideal Lawnmower Sharpener. It is driven from a pulley by a $\frac{3}{4}$ inch belt through a set of gears. A very simple driving coupler connects to the reel shaft and revolves the reel knives backward at the proper speed. The Attachment does not interfere with grinding and never needs to be removed from the Ideal Sharpener.

No. 40 — Ideal Reconditioner Attachment complete with Driving Coupler and three Bushings for four sizes of reel shafts and two pounds of Alundum Grinding Compound (Shipping weight, 15 lbs.)..... **\$7.95**

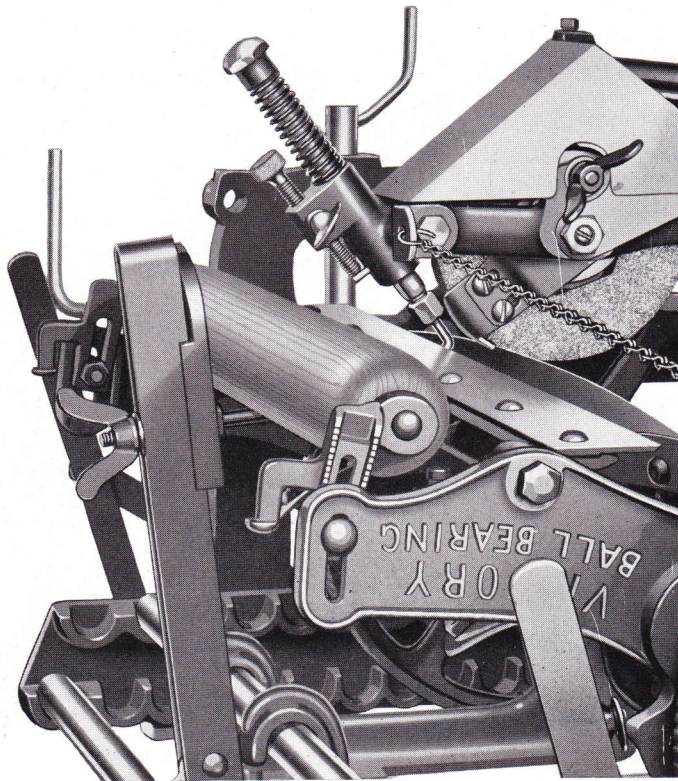
How to Recondition a Lawnmower

Remove one wheel and ratchets from the mower and set the Sharpener as shown. The vertical screw shafts on each side of the Sharpener provide a quick setting up and alignment of mower to driving coupler which drives the reel knives.

Mix the Grinding Compound with machine oil and apply with a medium size varnish brush.

The **IDEAL** Lawnmower Sharpener

**Grinds the Reel Knives to Fit the Straight Blade
Even Tho the Straight Blade is Sprung or Bent**



Close Up View Showing Ideal Sharpener Grinding a Lawnmower

The Ideal Lawnmower Sharpener is the only machine that grinds the reel knives of a lawnmower to fit the straight blade in case the straight blade is sprung or bent. This is one of the most *important* features of lawnmower sharpening.

Our long experience in sharpening mowers has proven that very few lawnmowers have a perfectly straight blade, (sometimes called the bedknife or cutting-bar) against which the reel knives strike. This is usually caused by running into wire, twigs, stones, etc., so that the straight blade is sprung or low and will not cut well in the center. Then, again, the wear is also more in the center than at the ends.

By referring to the illustration it will be seen that the grinding wheel is guided by the straight blade of the lawnmower by means of a hook which travels along the edge of the straight blade, and thus grinds the reel knives to fit any variation in the straight blade.

At the side of the grinding wheel there is a steel finger which passes around to the face of the wheel and keeps the reel knife in the proper position while grinding. The bevel of the knife is made by changing the finger. The more it is turned toward the operator or front, the more bevel or clearance will be ground to the blades.

As the grinding wheel moves along the reel knife, the finger turns the reel knife slowly and the knife is ground evenly and with exactly the same bevel along the entire length of the blade.

When you sharpen a lawnmower on the Ideal Sharpener you are sure of a perfect job. There is no "guess work" about it. Mowers run easier and stay sharp longer than when sharpened by any other method.

That means satisfied customers — customers who will tell their neighbors and come back year after year.

General Description

The frame of the Ideal Lawnmower Sharpener is made of heavy cast iron, accurately machined and well braced with steel cross supports. This makes a very strong, rigid construction. Width between the frame, 32 inches.

The grinding wheel is $5 \times \frac{5}{8}$ inch face, mounted on ball bearings and provided with a metal guard. The grinding wheel is carried by an arm with bearings on the main shaft. The arm is counterbalanced by a weight at the rear of the machine and the grinding wheel is free to move up and down and is carried along the main shaft by means of the feed-weight.

With this variable speed weight feed, mowers are ground with amazing speed and accuracy. It automatically maintains an even pressure between the grinding wheel and the reel knives and moves the grinding wheel along at exactly the correct speed required for grinding each knife. Mower knives vary in thickness so that on thick knives the speed is slightly slower, giving more time to grind the knife. On thin knives, the speed is faster. By this method every knife is ground exactly alike with the proper bevel or clearance behind the cutting edge, giving a perfect contact with the straight blade. Left-hand spiral mowers can be ground as easily as right-hand ones — the latter being the most common.

The Ideal Lawnmower Sharpener is made of the best materials in a modern shop by skilled workmen. All parts are machined to templates, and all holes bored in jigs, which insures all parts being interchangeable.

The Ideal Sharpener is finished in standard grey machine tool paint and each machine given a running test before shipping. Full instructions accompany each machine.

It's Easy to Grind a Lawnmower on the Ideal Sharpener

The Ideal Lawnmower Sharpener is very simple to operate. Just remove the handle of the lawnmower, turn the mower upside down and place it in the Sharpener as shown.

The vertical screw shafts at each side of the Sharpener make it very easy to raise or lower the mower, and the hand levers at each side move the mower backward or forward so the mower can be quickly placed in the correct position under the grinding wheel.

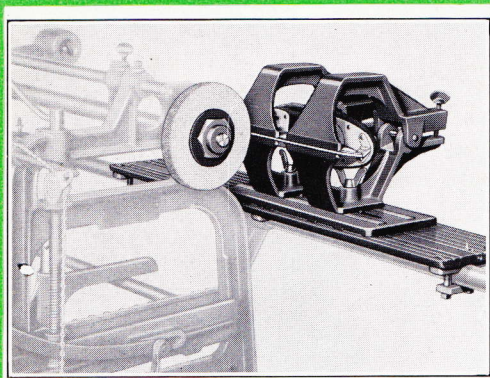
Push down the hook in front of the grinding wheel and hook it under the straight blade. This holds the grinding wheel against the reel knife and guides the wheel so that it grinds the reel knives to fit any variation in the straight blade. Then, with the vertical screw shafts, adjust the grinding wheel so that it grinds evenly along the reel knives.

In grinding, the feed-weight slides the grinding wheel along the main shaft, from left to right, at exactly the correct speed for grinding each reel knife — automatically slowing up for thick knives and speeding up for thin ones. All reel knives are ground exactly alike — with amazing speed and accuracy — and make a perfect contact with the straight blade, even tho the latter is bent or sprung, because the straight blade guides the grinding wheel.

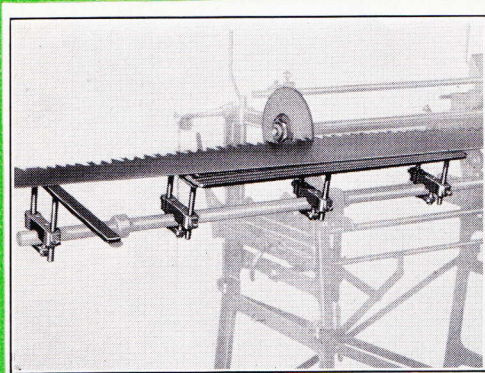
The IDEAL Lawnmower Sharpener

DESCRIPTION OF MONEY MAKING ACCESSORIES

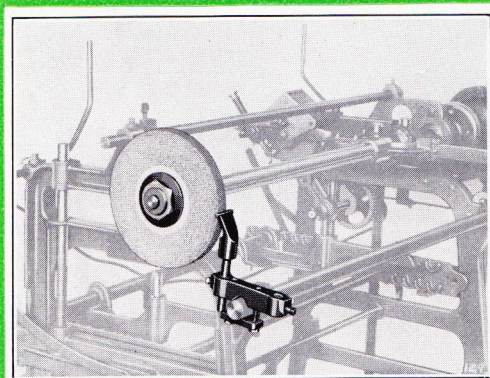
These Accessories Can Be Easily Added to Your Ideal Sharpener at Any Time



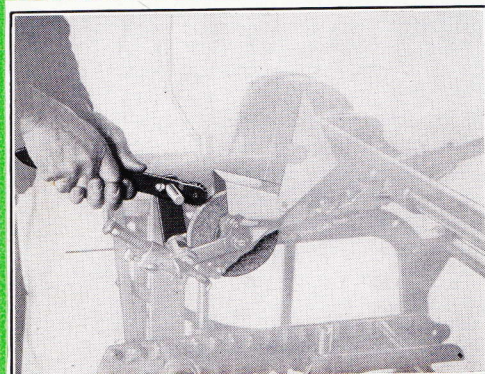
SKATE GRINDING ATTACHMENT



SAW GUMMING ATTACHMENT



SPECIAL GRINDING WHEEL ATTACHMENT



GRINDING WHEEL DRESSER

IDEAL Skate Grinding Attachment

This Attachment grinds all kinds of skates perfectly, including hockey skates with shoe attached. It consists of a 5-inch fine-grit grinding wheel and a long machined base-plate, with supports, on which slides a machined plate carrying two large adjustable clamps. The skate is moved slowly along the grinding wheel which gives a smooth, concave finish along the entire runner of the skate.

The base-plate of this equipment is shown clamped to the long shaft furnished with the Ideal Straight Blade Grinding Attachment, but it can be used with the short shaft on any of the Ideal Sharpeners when the Straight Blade Grinding Attachment is not ordered. This Attachment is guaranteed to do first-class work, and will make the Sharpener pay its way in winter as well as summer.

No. 160 — Ideal Skate Grinding Attachment with 5-inch fine-grit grinding wheel, price complete. **\$10.00**

IDEAL Saw Gumming Attachment

NOTE — This Attachment can only be used in connection with the Straight Blade Grinding Attachment as shown.

This Attachment consists of a fast-cutting 8-inch grinding wheel with rounded face, and a base plate with supports, same as used on the Skate Grinding Attachment, with two outer supports added. The grinding wheels are furnished in three different widths, as quoted. We guarantee this Attachment to gum saws perfectly, and it will earn money for you the year 'round.

PRICES OF ATTACHMENT COMPLETE

No. 170 — With 8-inch grinding wheel, $\frac{1}{4}$ inch width. \$ 7.95
No. 171 — With 8-inch grinding wheel, $\frac{3}{8}$ inch width. 8.15
No. 172 — With 8-inch grinding wheel, $\frac{1}{2}$ inch width. 8.40

PRICES WITHOUT BASE PLATE

NOTE — When Skate Grinding Attachment is ordered the same base plate can be used on Saw Gumming Attachment.

No. 175 — With 8-inch grinding wheel, $\frac{1}{4}$ inch width. \$ 5.95
No. 176 — With 8-inch grinding wheel, $\frac{3}{8}$ inch width. 6.15
No. 177 — With 8-inch grinding wheel, $\frac{1}{2}$ inch width. 6.40

PRICES OF GRINDING WHEELS ALONE

No. 180 — 8-inch diameter, $\frac{1}{4}$ inch width, Each. \$ 1.90
No. 181 — 8-inch diameter, $\frac{3}{8}$ inch width, Each. 2.10
No. 182 — 8-inch diameter, $\frac{1}{2}$ inch width, Each. 2.40

IDEAL Special Grinding Wheel Attachment

For those who do not wish to order the Ideal Straight Blade Grinding Attachment, yet have need for an extra grinding wheel, we offer this Attachment. It consists of an 8-inch grinding wheel with $\frac{5}{8}$ -inch face for general use with hub for main shaft and steady rest for supporting the work when grinding.

This Attachment will be found very useful and profitable for grinding grass shears, hedge shears, sickles, scythes, axes and other edge tools.

No. 190 — Ideal Special Grinding Wheel Attachment, price complete. **\$4.95**

IDEAL Grinding Wheel Dresser

In order to do satisfactory work with a grinding wheel, the face of the wheel should occasionally be dressed so as to keep it true with its center. The Ideal Grinding Wheel Dresser is not only a first class tool, but we include a shaft and link that hold the arm carrying the grinding wheel, rigidly, while dressing it. It should be ordered with every Ideal Sharpener.

No. 195 — Ideal Grinding Wheel Dresser, complete with shaft and link, as shown in cut at left. **50c**

No. 196 — Extra dressers only, without handle, shaft or link, each. **20c**

The IDEAL Bench Grinder

FOR GRINDING LAWNMOWER STRAIGHT BLADES, SKATES, GRASS SHEARS, SCYTHES, AXES, ETC.

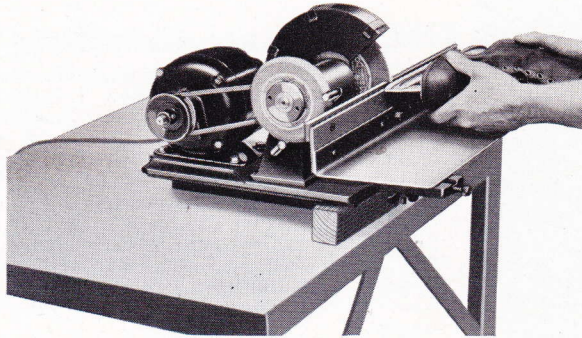


Fig. 1—Showing Ideal Bench Grinder Grinding a Skate

For those who desire a straight blade grinder separate from the Ideal Lawnmower Sharpener we offer a bench type which uses the same attachment and sliding frame as on the Ideal Sharpener. It can also be furnished with attachment for grinding skates, grass shears, sickles, scythes, axes and other edge tools.

The Ideal Bench Grinder consists of a 6" x $\frac{5}{8}$ " 50 grit wheel mounted on ball bearings, driven by a 1/6 H.P. General Electric motor, by means of a "V" belt, and mounted on a base plate. The base plate holes for the motor are slotted for belt take-up and a 10 foot cord and toggle switch provide for controlling the motor.

The ends of the long guide shaft are supported by means of angles fastened to the front edge of the work bench. The straight blade is held between hardened centers on the telescoping frame. Special adapters with center holes are furnished for flat end straight blades of old style mowers.

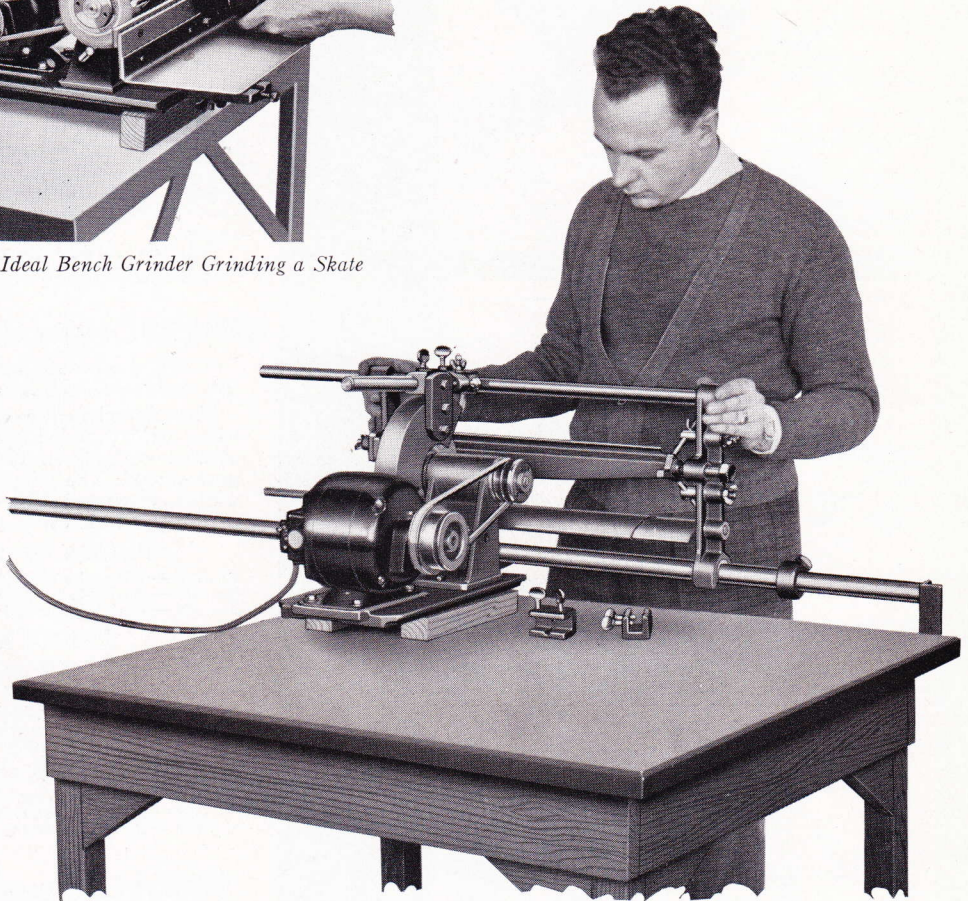


Fig. 2—Ideal Bench Grinder Grinding a Lawnmower Straight Blade

A fine adjustment is provided for feeding the work to the grinding wheel. The work and frame is moved back and forth by hand and both the face and the edge of the straight blade are easily ground in five minutes. Dust guards are provided to keep grinding dust from the long guide shaft.

Fig. 1 shows the Ideal Bench Grinder with Skate Sharpening Attachment which will give you added income in winter time. It is a very simple attachment with steel shelf on which you simply rest your hand while sliding the skate along the face of the grinding wheel. The straight edge of the attachment guides the skate and limits the depth of the cut. A 5" x $\frac{5}{8}$ " 70 grit grinding wheel is furnished for grinding skates, a small wheel being desirable to obtain the proper concave.

A 5" x $\frac{1}{2}$ " coarser wheel is also furnished, with work rest, for general purpose grinding. The Ideal Bench Grinder will add to your income the year 'round.

No. 365—Ideal Bench Grinder, complete, for grinding straight blades and Attachment for grinding skates and edge tools as shown in Figs. 1 and 2 (shipping weight, 150 lbs.)..... **\$35.00**

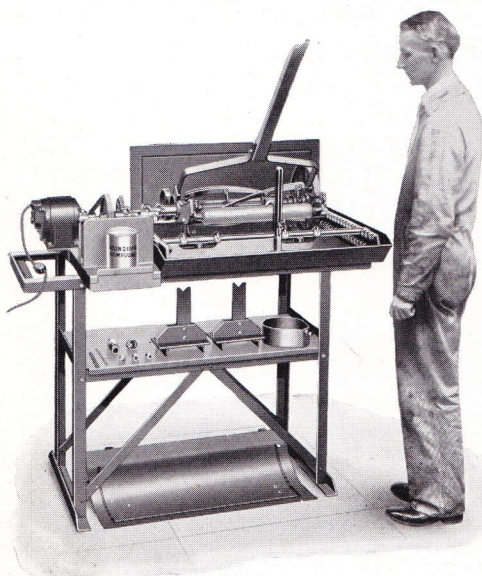
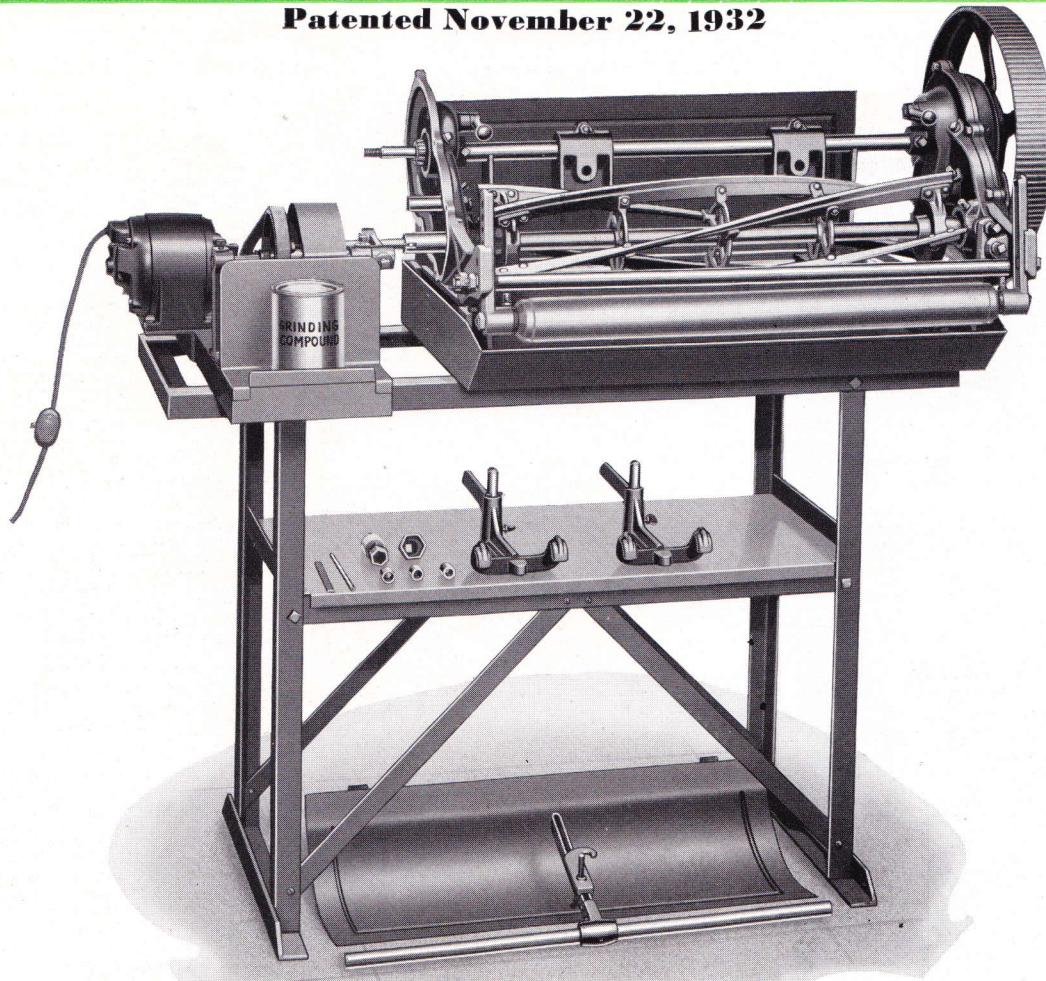
No. 367—Ideal Bench Grinder for grinding straight blades only as shown in Fig. 2 (shipping weight, 135 lbs.)..... **\$29.50**

No. 369—Ideal Bench Grinder for grinding skates and edge tools only as shown in Fig. 1 (shipping weight, 100 lbs.)..... **\$25.00**

The **SIMPLEX** Reconditioner

**WITH ELECTRIC MOTOR FOR RECONDITIONING
MOWERS UP TO 42 INCHES WIDE**

Patented November 22, 1932



Reconditioning Hand Lawnmower

PRICE \$49.⁵⁰ F.O.B. PLYMOUTH, OHIO

The Simplex Reconditioner reconditions or "laps in," with grinding compound, all types and makes of hand, power, putting green and fairway mowers with blades up to 42 inches in width, either right or left-hand drive.

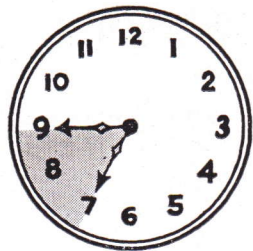
The Westinghouse $\frac{1}{4}$ H.P. motor is mounted on a sliding frame making a self-contained driving unit and permitting quick horizontal adjustment. The motor is belted to a set of reduction gears which permits the driving coupler to be turned in almost a complete circle for quick alinement with the lawnmower reel shaft without making any adjustment of the mower. The driving coupler is mounted on ball bearings.

Two sets of mower supports are furnished to handle both large and small mowers.

Dimensions, Etc. — Length, 49 inches. Width, 24 inches. Height, 37 inches. Shipping weight, 300 lbs.

No. 500—Price, complete as shown, with Westinghouse or G.E. $\frac{1}{4}$ H.P. motor, A.C., 60 cycle, 110-120 volt, motor switch, 10-ft. cord and plug, steel stand and steel shelf, two sets of mower supports, two splash guards, drip pan, steel driving coupler with bushings to fit $\frac{3}{4}$, $\frac{5}{8}$, $\frac{9}{16}$, and $\frac{1}{2}$ inch reel shafts, steel driving coupler for power mowers, two sizes of ratchet pin bar stock and five pounds of Alundum Grinding Compound..... **\$49.50**
(Price of additional Grinding Compound, 5 lbs. for \$1.00).

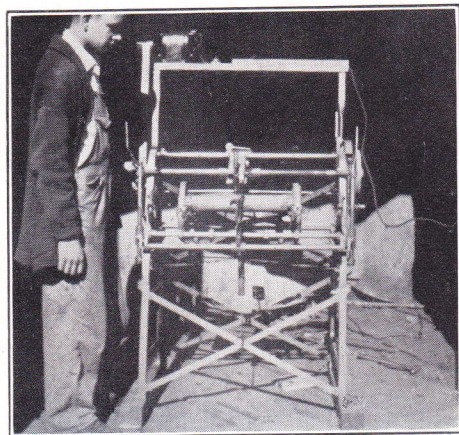
PRACTICALLY EVERY MAN WHO IMMEDIATE



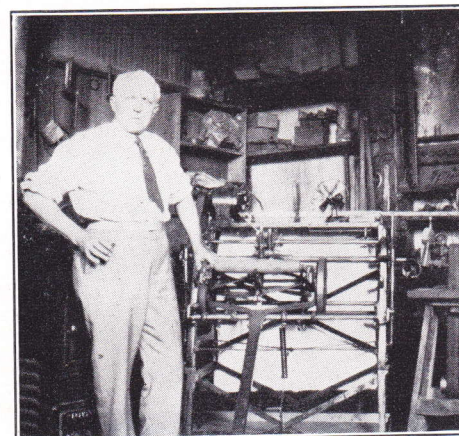
**Turn Spare Hours
Into Cash**



Alec C. Smith, Miami, Fla.



Paul Riley, Lancaster, Kans.



S. A. Oliva, Danbury, Conn.

Will Soon Need a Peerless

Miami, Florida
Gentlemen:— It is a gratification to write you in praise of your new Ideal Lawnmower Sharpener.

Many customers come in to observe the machine while in operation; the result is increased business to such an extent as to indicate the necessity of purchasing another machine, a Peerless, in the near future if the same ratio of increase continues.

The writer is glad to go on record to be included as one of your satisfied customers. Alec C. Smith

Pays for Itself in 3 Weeks Spare Time

Wilmington, Del.
Gentlemen:— Without exaggerating, I want to take this opportunity of thanking you because I have followed your plans and advice, and the result is that I am making an added income at only the expense of some of my time in the evenings. The machine is paying for itself within the three weeks that I have been operating it and soon it will bring me clear profit which is greatly appreciated by all the family.

Joseph Marra

Sharpens 100% Better Than Any Other Method

Lancaster, Kansas
Dear Sirs:— I did not receive my Ideal until late in the season, but I have had all of the work I could care for, sharpening lawnmowers on the new IDEAL. As nearly as I can remember, I sharpened over 125 mowers within the first few weeks I got my IDEAL.

My customers have all remarked that they are more than satisfied with the work done for them; that the IDEAL sharpens blades at least 100 per cent better than any other method they have used. I have taken old lawnmowers that were thrown away — thought to be beyond repair — and have tuned them up, sharpened the blades in my new IDEAL and they cut as well today as they did when they were new.

Besides the mowers, I have had considerable work sharpening other tools — knives, shears and, during the last few days, I have received a large number of ice-skates to sharpen.

Paul Riley

Every Customer Pleased and Coming Back

Clintondale, N.Y.
Gentlemen:— I received my sharpener May 18, 1932, and have already sharpened 55 mowers. Every customer was pleased and is coming back. Some say their mowers work better than they did when new and that is saying quite a lot. This is only a side line in my business as I have been a blacksmith for 27 years starting to work in my father's shop when I was sixteen years old.

I am very much pleased with the sharpener. It is a very good investment. It turns spare hours into cash all right.

Walter Rhodes

Intended to Use Only as a Side-Line, But—

Danbury, Conn.
Gentlemen:— When I purchased your Ideal Sharpener, I merely intended to use it as a side-line and filler-in, etc., but now I do work regularly and the machine has more than paid for itself in the few months during which I have used it. The sharpener works very well and turns out a satisfactory job every time.

S. A. Oliva

Makes Good Money Saturday Afternoons and Evenings

Downingtown, Pa.
Gentlemen:— I am writing to let you know that I paid for my lawnmower sharpener the first two months and I have been making pretty good money Saturday afternoons and evenings.

Baker Pierce

All Customers Satisfied

New Bedford, Mass.
Dear Sirs:— I received my Ideal late in the season and have used it only in my spare time which is very limited. I have sharpened more than 50 machines and my customers are all satisfied. Next year I am sure will be a big year for me. I use a corner of my cellar to work in.

R. Archer Perkins.

Sharpened 785 Mowers

Rochester, N.Y.
Gentlemen:— Perhaps you would like to know how I have got along with my Lawnmower Sharpener. I like my machine and don't think there is any other one to beat it.

Well, I did not have a cent to spare to my name when I got in touch with you, but the world owed me a living so I took a chance and I have made good.

I have to date sharpened 785 mowers at \$1.00 a piece, but no rain and the grass has not done so good. But expect a few more later on. I started in my cellar but the place was not large enough so I had to rent a place a week after I got my machine.

Niles C. Race

A Good Business Estab- lished in Two Months

Sterling, Ohio
Gentlemen:— It certainly is a pleasure to write to The Fate-Root-Heath Company. It is only two months and a few days since I purchased my Ideal and I sure have a good business and I sure give you all credit for the advice and the start. Doing fine. Thanks.

E. J. Stern

Lawnmowers Brought in from Over 35 Miles Away

Springdale, Penna.
Gentlemen:— I have turned out 604 jobs on my Ideal and my standard price is, and always has been \$2.00. In case there are any duplicate parts needed, I supply them at cost price only. I have never gone off my premises for any of my work, and this season I have had machines delivered to me from Pittsburgh (16 miles) and also from up Allegheny valley over 35 miles. One of the hardware firms in New Kensington deliver as many as seven machines at a time, and on their work I allow a discount.

I have my shop equipped with circular saw and Lathe, and as some mowers reach me minus the roller, some damaged, in these cases, instead of ordering the rollers, I turn a roller in a few minutes.

W. C. Fink

Earns More Than \$750.00 in One Season

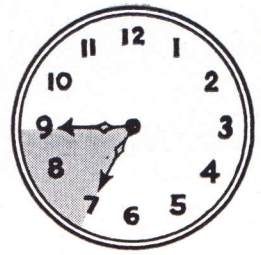
Edwardsville, Ill.
Gentlemen:— I sharpened over 500 mowers this season and the least I got was \$1.50 per mower. I am well pleased with the Ideal Sharpener.

Bruno Stoecklin

**SPARE TIME ALONE
FOR EVERY HOUR**

BUYS AN "IDEAL" MEETS WITH SUCCESS

Turn Spare Hours
Into Cash



The Ideal Sharpener Is a Wonder

Watervliet, N.Y.
Gentlemen:— The Ideal Sharpener is a wonder. My Ideal is equipped with the Recondition and Straight Blade Attachment and with this machine and equipment no one can turn out a bad job.

I have a lot of satisfied customers. Have made more than the price of the machine in the past two months and hope to do better next year.

Wm. Seduski

No Machine Earns \$100 Quicker and Easier

Lynn, Mass.
Dear Sirs:— I certainly like my Ideal Sharpener and I do not know of any machine that will do better work or turn out \$100 quicker and easier than the Ideal Lawnmower Sharpener and your simple instructions that make one an expert before he is conscious of it.

Some people said their mowers were not worth much and could not be sharpened. They were old and rusty. Loose bearings, etc. I said no charge if I could not sharpen them. A few simple adjustments and my Ideal does the rest and back they go to the owners. They sure are surprised to see them cut like new. I had quite a number of mowers to resharpen that others tried to sharpen and failed.

One woman brought me a mower to sharpen. When I took it back, she asked me if it would cut, so I cut some of her lawn (and it certainly did cut). Then she told me she gave it to two others to sharpen and they could not cut her lawn. She said that was enough.

Thomas West

Grinds 100 Mowers First Month

Peoria, Illinois
Gentlemen:— We ground 100 mowers the first month we had our Ideal grinder. The price we received was from \$1.00 to \$1.50 for grinding and quite a sum in addition for repairs. We also grind quite a few sickles, scythes, hedge and grass shears and also scissors and knives.

Our intention originally was to buy a grinder of another make which uses only the lapping process but thanks to "GOOD HARDWARE" where we saw your Ideal described which led us to buy the better grinder.

U. E. Abrahams

Don't Forget About the Ideal Skate Grinding Attachment

Atlantic City, N.J.
Gentlemen:— We surely have appreciated our IDEAL Grinder during this past winter. Our new convention hall has been opened all winter with an ice rink. The first time in years that we have had any ice skating in Atlantic City, and the town has gone "skating crazed." Naturally we were right on the ground floor with our IDEAL and have sharpened several hundred pairs of skates.

Lewis and Donnelly

\$40.00 a Week as a Side Line

Ridgewood, N.J.
Gentlemen:— Last year I purchased one of your Ideal Lawnmower Sharpeners and it certainly was a success. Some weeks last summer I made over \$40.00 per week and this was just a side line and in no way connected with my regular job. I have just a very small shop in the rear of my home.

J. B. Van Dien

Never Had a Dissatisfied Customer

Champaign, Ill.
Dear Sirs:— We are more than pleased with the work we turned out and we never had a dissatisfied customer and we know we do better work on our "Ideal" than we could have done on any other machine.

Thank you for your confidence in us and the help you gave us. We will be willing to do you any favor in our power.

Bates & McArt

Sharpens 1000 Mowers in One Year

Vancouver, B. C.
Gentlemen:— I am sending you a snap-shot of my truck, showing my Ideal Sharpener. I am on the road a great deal and this year I sharpened 1000 mowers. Your Lawnmower Sharpener is a good machine and I hope next year will see better business for all of us.

H. Armstrong

If One Goes Out After Business He Will Get it

Detroit, Michigan
Gentlemen:— I sharpen lawnmowers as a side line and I will say that I am well paid for the time I work and one day last spring I had to lay off from my regular work to sharpen 24 machines which netted me something like \$30. If one goes out after business he will get his share of it. This year I have an electric sign in front of the house and I also advertise on my tire cover and have a long sign running across the top of my car and I'm going to run ads in our local papers to get business.

A. F. Lessnau

"Earned \$37.70 in First Two Weeks

So. Omaha, Neb.
Gentlemen:— I never saw one of your machines before. First, I sharpened my own mower, then my Uncle's and a neighbor's for practice. The fourth was a charge job and from then on my work was satisfactory. Many of my customers tell their neighbors of the good job and I get their mowers too. The first two weeks I made \$37.70. Not so bad for a start. I sharpen mowers about 3 days a week. Oh, yes, I guarantee my work as that is easy to do when you have an Ideal Sharpener, and I don't mean maybe.

Ralph Peterson

Mr. Coburn's Advice— Will You Take It?

North Little Rock, Ark.
You cannot invest your money in one thing that would be safer or give you return profits quicker than an IDEAL Lawnmower Sharpener.

If you will get out and hustle a little, your machine will pay for itself within 30 days and a profit of from 30 to 50 dollars.

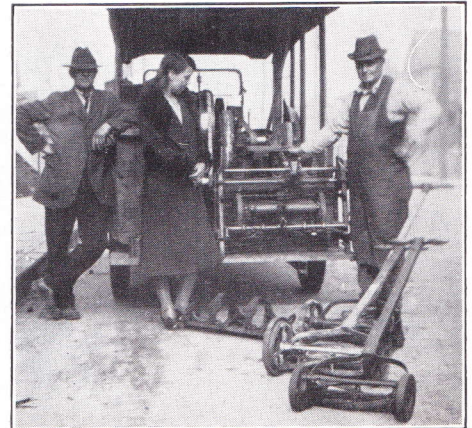
So get a machine and get started as the work is a pleasure as well as a money maker.

C. S. Coburn

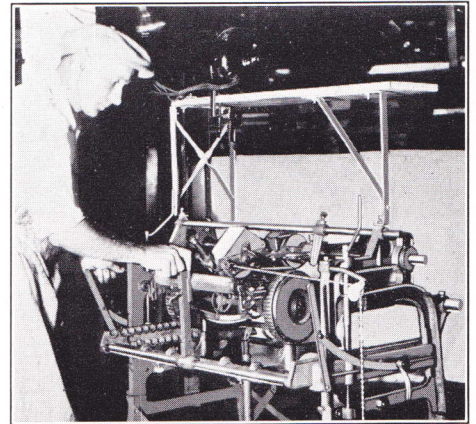
"A Paying Proposition"

Spartanburg, S. C.
Gentlemen:— We sharpened approximately two hundred mowers this summer at \$1.00 each and we find the Ideal operates perfectly and is O. K. in every respect. We would recommend it to anyone that has mowers to sharpen, as it is a paying proposition.

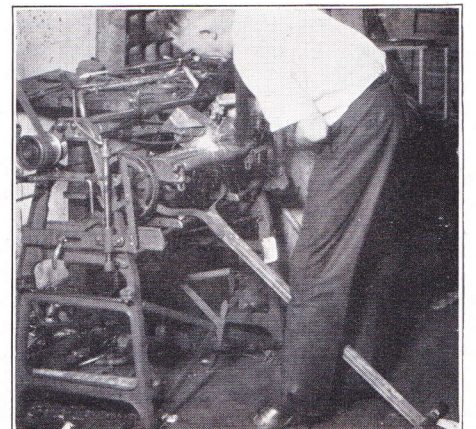
H. B. Layton



H. Armstrong, Vancouver, B. C.



Ralph Peterson, So. Omaha, Neb.

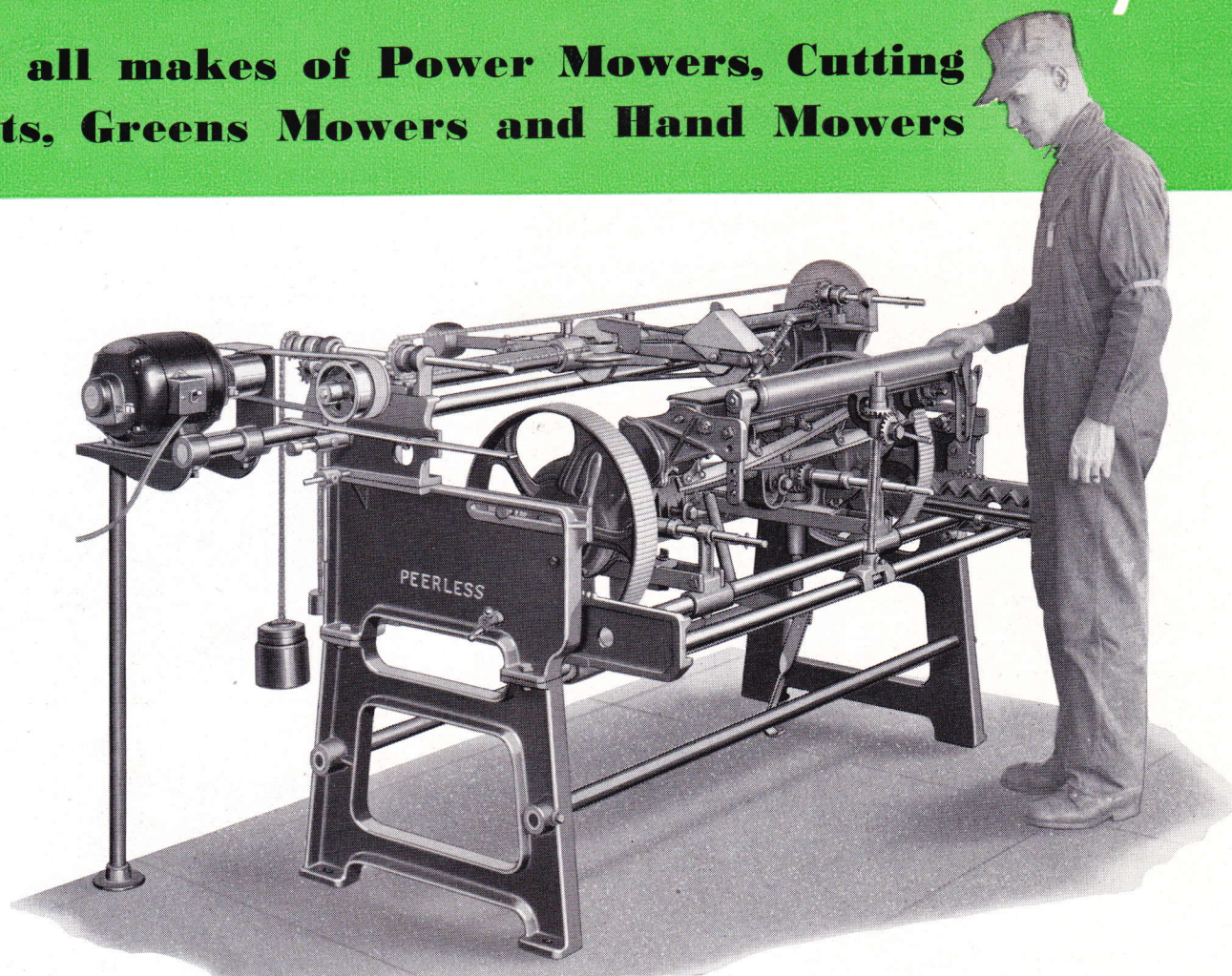


H. B. Layton, Spartanburg, S. C.

PAYS BIG DIVIDENDS
YOU PUT IN!

The **PEERLESS** Mower Sharpener

For all makes of Power Mowers, Cutting Units, Greens Mowers and Hand Mowers



Peerless Sharpener with Motor Drive, Grinding 30 inch Fairway Mower

THE PEERLESS Mower Sharpener grinds and sharpens all makes of Power-driven Mowers and Tractor Units, as well as Putting Green Mowers and Hand Lawnmowers. Made in two sizes for blades up to 36 and 42 inches wide.

It grinds on the same principle as the Ideal Lawnmower Sharpener, with the proper clearance or bevel behind the cutting edge. It also grinds the reel knives to fit the straight blade in case the latter should be bent or sprung.

Sharpens Mowers for Golf Clubs, Parks, Cemeteries, Schools and Estates

With a Peerless Mower Sharpener you will be in a position to sharpen not only Hand Lawnmowers, but the large power-driven mowers, tractor units and putting green mowers used by Golf Clubs, and power mowers used by Parks, Cemeteries, Schools and Private Estates.

If you intend to make a business of sharpening mowers—and we do not know of any better paying business—the Peerless merits your careful consideration.

General Description

The grinding wheel is 5 inches in diameter by $\frac{5}{8}$ inch face, mounted on ball bearings, and driven by a "V" belt. This makes a very quiet, durable drive.

The grinding arm is mounted and slides on a turned, ground and polished main shaft. The main shaft is $1\frac{1}{16}$ inch diameter and operates at 1400 R.P.M., and is carried in felt seal, New Departure Ball bearings.

The traveling or sliding head which carries the arm is operated by a feed weight, and by high grade roller block chains mounted on sprockets at both sides of the Sharpener.

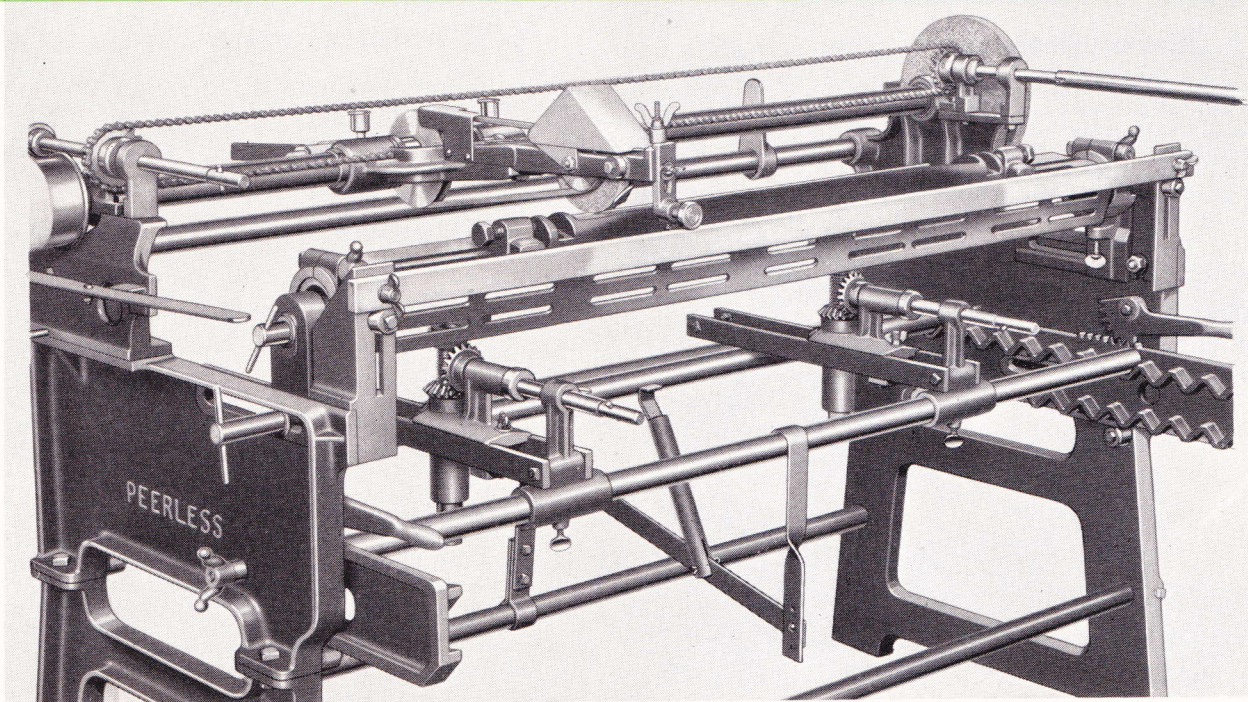
In grinding, the feed-weight moves the grinding wheel along the main shaft, from left to right. A hand crank returns the sliding head to its original position.

With this variable speed weight feed, mowers are ground with amazing speed and accuracy. All reel knives are ground exactly alike and make a perfect contact with the straight blade.

When sharpened with this weight feed thin paper can be cut at any point and with any blade of the reel.

The **PEERLESS** *Mower Sharpener*

**is Equipped with Attachment Bar for Grinding
Both the Face and the Edge on Straight Blades**



Peerless Sharpener, Belt Drive, Grinding Straight Blade

Attachment Bar for Grinding Straight Blades

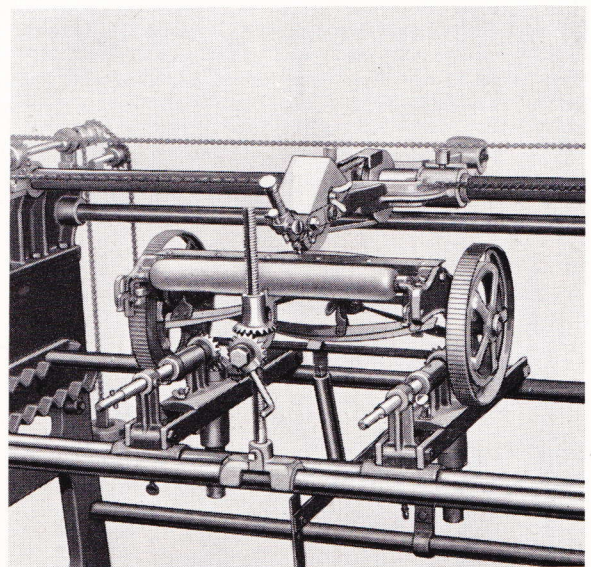
On most mowers it is necessary to grind both the face and the edge of the straight blade when it becomes too badly worn, or "wavy." A heavy Attachment Bar is furnished for holding straight blades so both faces can be ground in one setting, by rotating the bar. Attachments are furnished for holding various types of blades to the Attachment Bar. The grinding arm is held to a straight line by means of a special bar at the front of the sharpener. Means are provided for adjusting the arm to suit the straight blade.

With this Attachment Bar both the face and the edge of the straight blade are ground quickly and accurately, producing a perfect-running mower.

Special off-set "V" rests, which are carried by the support screws, permit the sharpening of reels when removed from the mower.

While the Peerless Sharpener is designed primarily for Power Mowers and Tractor Units, it will handle Hand Lawnmowers and Greens Mowers just as easily and readily as the larger units.

Grinds Hand Mowers as Readily as Power Mowers



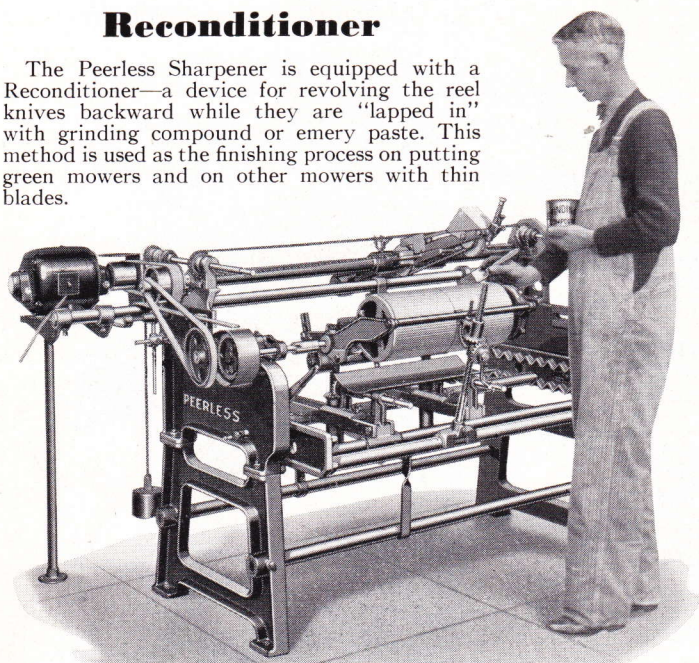
The above cut shows the Peerless Sharpener grinding a hand lawnmower, and gives a very good idea how the grinding wheel grinds the reel knives.

The **PEERLESS** Mower Sharpener

**is Equipped with Reconditioner and
Special Grinding Wheel**

Reconditioner

The Peerless Sharpener is equipped with a Reconditioner—a device for revolving the reel knives backward while they are “lapped in” with grinding compound or emery paste. This method is used as the finishing process on putting green mowers and on other mowers with thin blades.



The Reconditioner is driven from the main shaft by a $\frac{3}{4}$ inch belt through a set of gears. A very simple driving coupler connects the reel shaft and revolves the reel knives backward at the proper speed.

Five sizes of Driving Couplers and five pounds of Alundum Grinding Compound are furnished with each machine.

Special Grinding Wheel

The Peerless Sharpener is also equipped with a Special Grinding Wheel, 10-inch diameter x $\frac{3}{4}$ inch face, with steady rest, mounted on the end of the main shaft at the right side of the Sharpener.

This wheel will be found very useful and profitable for grinding grass shears, hedge shears, sickles, scythes, axes and other edge tools.

Workmanship and Finish

The Peerless Mower Sharpener is made of the best materials, in a modern shop by skilled workmen. All parts are machined to templates, and all holes drilled in jigs, which insures all parts being interchangeable. The machine is finished in standard grey machine tool paint.

Dimensions and Weights

	No. 236	No. 242	No. 136	No. 142
Length, between frame	48 $\frac{1}{2}$ "	54 $\frac{1}{2}$ "	48 $\frac{1}{2}$ "	54 $\frac{1}{2}$ "
Length, over all	72"	78"	62"	68"
Travel of grinding wheel	36 $\frac{3}{8}$ "	42 $\frac{5}{8}$ "	36 $\frac{3}{8}$ "	42 $\frac{5}{8}$ "
Width, over all	46"	46"	46"	46"
Height to center of main shaft	36 $\frac{1}{2}$ "	36 $\frac{1}{2}$ "	36 $\frac{1}{2}$ "	36 $\frac{1}{2}$ "
Height, over all	42"	42"	42"	42"
Net weight	560 lbs.	635 lbs.	510 lbs.	585 lbs.
Shipping weight	710 lbs.	810 lbs.	665 lbs.	760 lbs.

Net Prices: F.O.B. Plymouth, Ohio

No. 236—For all makes of mowers with blades up to and including 36 inches wide, equipped with General Electric $\frac{1}{2}$ H.P. Motor, A.C., 60 cycle 110 or 220 volt, repulsion-induction type, with 10-foot rubber-covered Cord, Plug and Switch, Reconditioner, 5 sizes of Driving Couplers, 5 lbs. Grinding Compound, Attachment Bar, Adjustable Mower Supports and Special Grinding Wheel, complete. **\$222.50**

No. 242—Same as No. 236, but for mowers with blades up to and including 42 inches wide. **\$247.50**

No. 136—Same as No. 236, but without motor or motor stand, for belt drive from line shaft. **\$187.50**

No. 142—Same as No. 242, but without motor or motor stand, for belt drive from line shaft. **\$212.50**

Whether you buy an Ideal or a Peerless Sharpener you will get the finest built Sharpener money can buy.

But don't wait—don't put it off—because every day you wait you are losing money.

The Plymouth Knife Grinder

The Plymouth Knife Grinder meets the demand for a high grade Knife Sharpener at a low price. It grinds all makes of paper and linotype knives, as well as planer, jointer and tinners' squaring knives. It grinds with amazing speed and accuracy. It is extremely simple to operate. Made in two sizes—for blades up to 54 inches or 84 inches long.

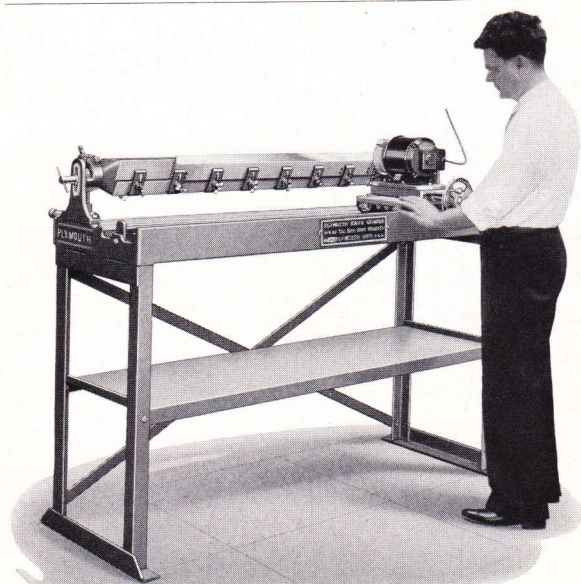
With a Plymouth Knife Grinder in your shop, and by establishing a “call and deliver” service you can get the knife grinding business not only from printers, but from tinners, planing mills and wood-working plants. So accurate is the construction of the machine and the clamping bar that the knife, after it is ground, does not vary one-thousandth of an inch from end to end of blade.

Dimensions, Weights and Prices

No. 54—Grinds blades up to 54 inches long. Length overall, 68 inches. Height of floor stand, 36 inches. Height of center of motor above floor, 47 inches. Width overall, 30 inches. Net weight, 460 lbs. Shipping weight 510 lbs. Price, complete. **\$197.50**

No. 84—Same as above, but grinds blades up to 84 inches long. Price, complete. **\$247.50**

If interested in the Plymouth Knife Grinder send for special folder giving complete detailed description.

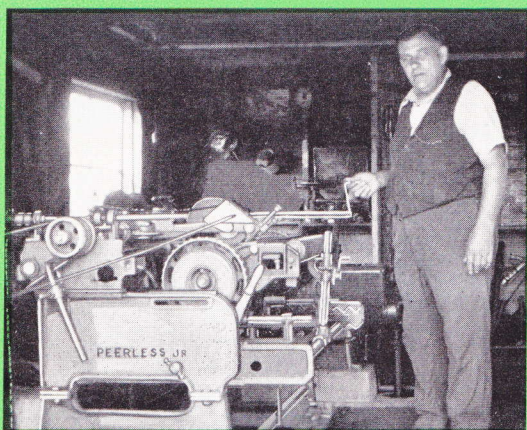


HUNDREDS OF MEN ARE EARNING

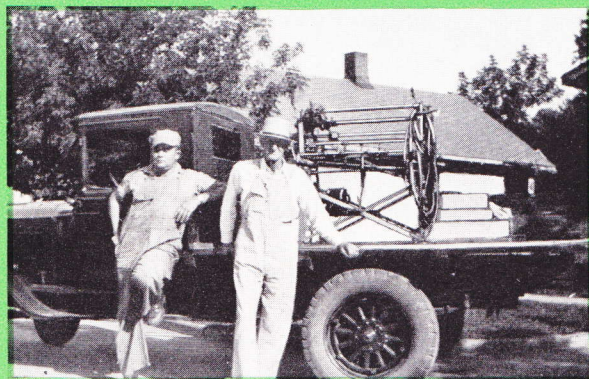
Extra Money

WITH

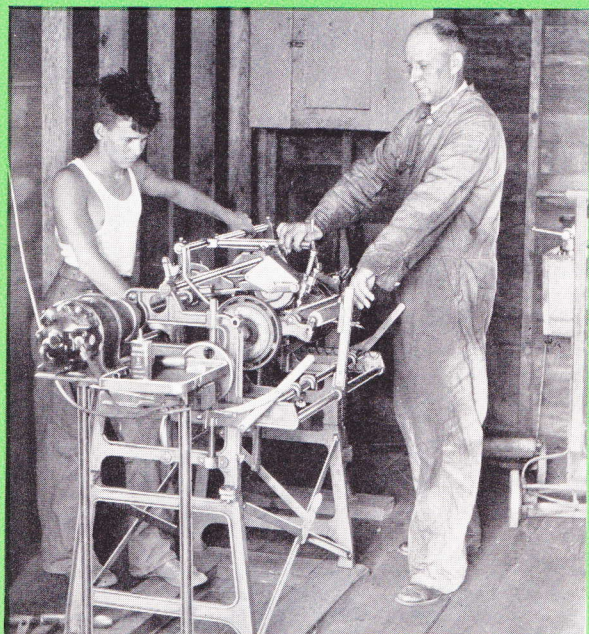
IDEAL and PEERLESS LAWNMOWER SHARPENERS



*H. B. Abbott, Old Town, Maine
and his Peerless Sharpener*



M. C. Anderson, Cameron, Mo.



W. T. Barrow, Enola, Pa.

KUHNERT, PHOTO

"I Cannot Praise the Peerless Too Highly"

Old Town, Maine
Gentlemen:—I am enclosing a film of my shop and the Peerless Jr. in action grinding a section of power mowers used at the University of Maine. My work is mechanic in the Mechanical Eng. Dept., and I have been there 13 years. Have the care of all sorts of engines and machines and believe I know a good machine when I have seen and used it. The Peerless Jr. I can not praise too highly and the men that run the mowers say they never run better cutting machines.

H. B. Abbott

"The Greatest Machine Ever Built"

Cameron, Mo.
Gentlemen:—I can not find words to express my appreciation of my Ideal Grinder. It is everything you claim for it and more. People remark: "My, how quickly you grind a lawnmower and how smooth they clip the grass." I think the Ideal is the greatest machine ever built.

M. C. Anderson

"Not a Kick in a Carload"

West Toledo, Ohio
Gentlemen:—The Ideal Lawnmower Sharpener I bought from you 1931 is certainly doing fine work "not a kick in a carload" of mowers. It certainly helped out in this time of depression as work in the shop has been very slow in the last three years. The Ideal does a fine job grinding with plenty of clearance on cutting edge and a perfect job lapping in for a fine finish job, and the only repairs on the machine so far has been one Screw Feed Nut — 25c.

O. C. Benien

All During His Spare Time

Enola, Pa.
Gentlemen:—I received my Ideal about the 10th of May, which is rather late in the season, and I lost some business on that account. However, working in my spare time, with no delivery service, I sharpened more than fifty (50) mowers in May.

Next year I am going to have a delivery service and am counting on sharpening several hundred mowers in my spare time.

Your "Ideal" will do all you claim and I am well pleased with mine.

W. T. Barrow

Started with 73c—

Read this

Grant, Iowa
Gentlemen:—I went into a town last week and got 38 mowers in one day at \$1.25 each. Not so bad — \$47.50. I started with 73c to my name. Now I have a nice bank account.

No more winters for me. Yours for B.V.D.'s
D. L. Porter

\$350.00 Earned With Peerless in Spare Time

Nantucket, Mass.
Gentlemen:—You may be interested to learn that I have taken in about \$350.00 this season with my Peerless Sharpener. I consider that very good for an island settlement as is Nantucket, and also the fact that this work was done only in spare time after my regular day's work was done.

Harry W. Brown

Gumming Saws at \$3.00 to \$4.00 Each

Ely, Nevada
Gentlemen:—I think it time for me to let you know how I am making out with my "Ideal" Grinder. In the first place I am located in a small town. One other man has a grinding machine of another make and I frequently get a lawnmower to regrind that he has botched up with his machine. I go out after the work and guarantee all work and have never had a complaint. There are a lot of circular wood saws here and most of them needed gumming out, so each saw means from three to four dollars additional.

G. A. Smith

Gets Repeat Business

Mason City, Illinois
Gentlemen:—You may refer anyone to me as to the work done by the machine. I was able to turn out first class work with it and got several extra jobs on the same mowers, where the owners had an unusually large lot of mowing to do, as they liked the keen edge I put on the reel knives and the base knife as well, with the Ideal.

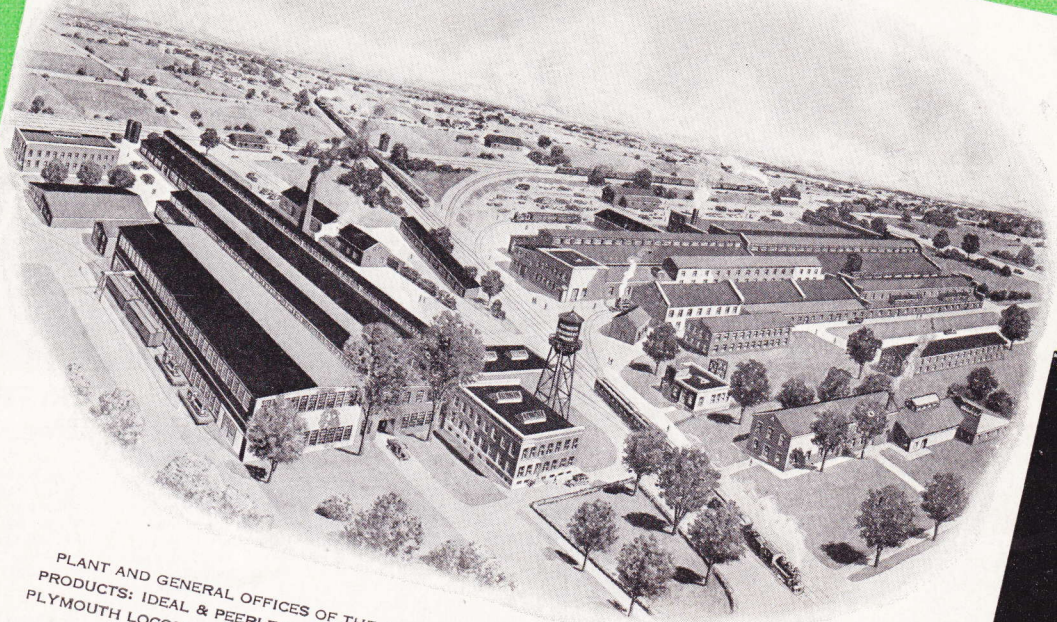
A. G. Hill

Try This Way for Getting Business

Merchantville, Camden, N.J.
Dear Sirs:—I am making good with my Ideal Lawnmower Sharpener and I can tell you how to get business. The machine paid for itself the first week I had it. Here's how I do it: In the afternoon of each day I deliver mowers and cruise with the mowers on my truck. When I see a man mowing his lawn with a dull, hard-running mower I stop and talk to him about his mower. I then take one of the mowers off the truck, push it over his lawn and invite him to push it. In 5 minutes I have his mower on my truck and I get \$1.50 for most jobs. I expect to grind my way to Florida this fall.

Geo. E. Davis.

Never in your life have you seen a spring and summer without grass. Never in your life has the grass season meant easy money in your pocket. Buy an Ideal Lawnmower Sharpener and the grass season will look like a check on the bank.



PLANT AND GENERAL OFFICES OF THE FATE-ROOT-HEATH COMPANY, PLYMOUTH, OHIO
 PRODUCTS: IDEAL & PEERLESS LAWNMOWER SHARPENERS, PLYMOUTH KNIFE GRINDERS,
 PLYMOUTH LOCOMOTIVES, SILVER KING TRACTORS AND FATE BRICK & TILE MACHINERY

Guarantee

We, The Fate-Root-Heath Company, fully guarantee the Ideal and Peerless Lawnmower Sharpeners, Simplex Reconditioner, Ideal Bench Grinder, Plymouth Knife Grinders, Accessories and Equipment to be honestly constructed of only high grade materials by skilled mechanics. If, within one year from date of purchase, any part or parts should prove defective, we will replace them free of charge.

THE FATE-ROOT-HEATH CO.

John A. Root

President.